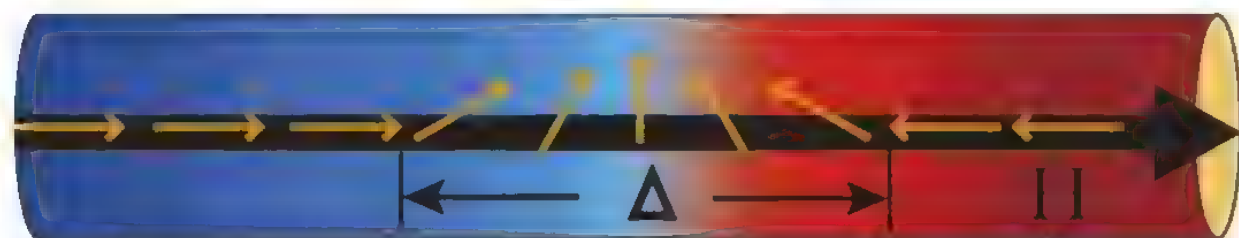
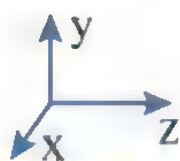
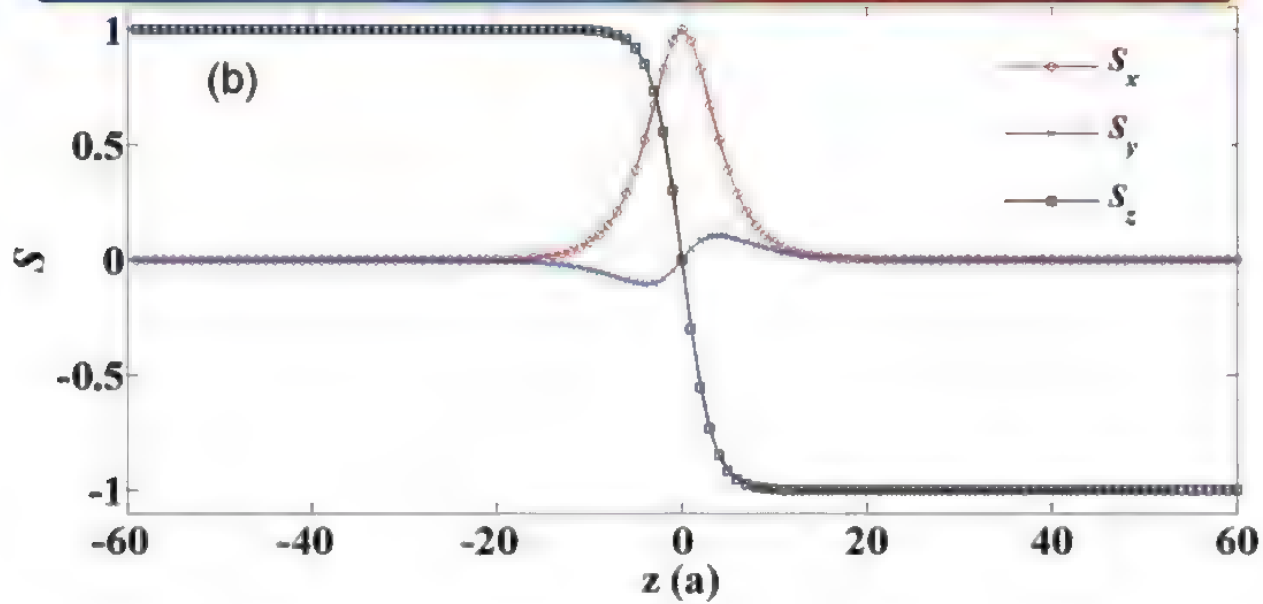
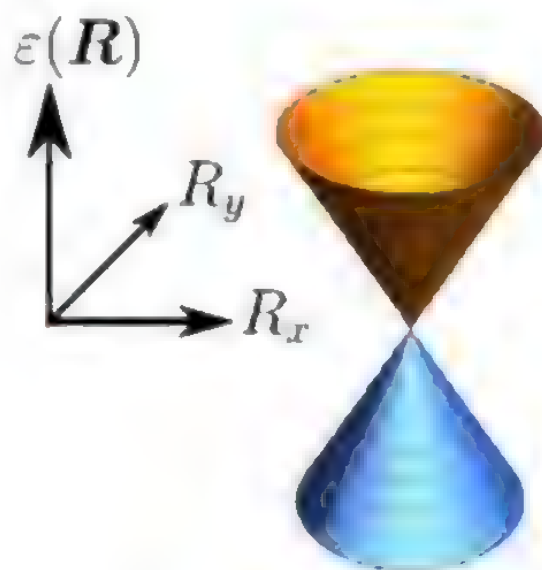
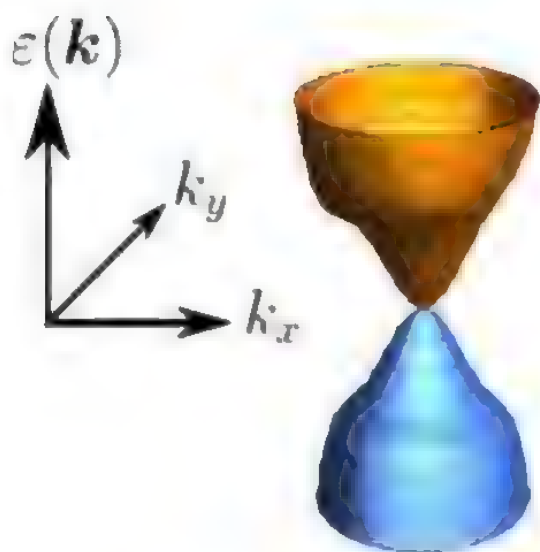
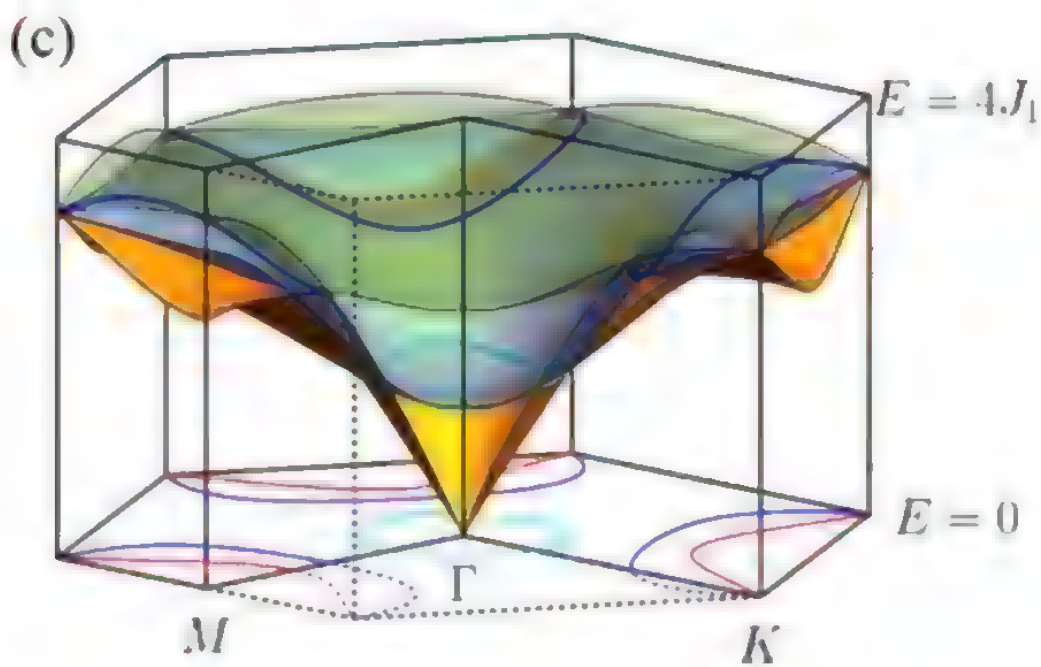
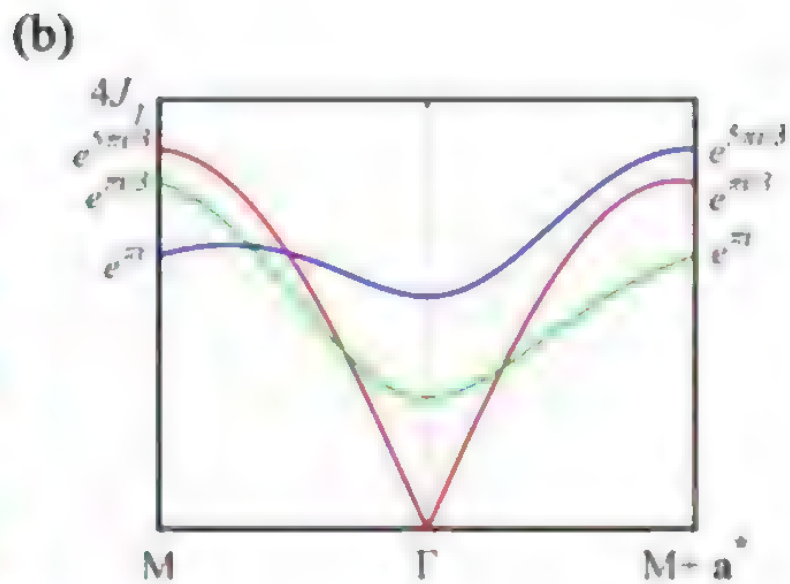
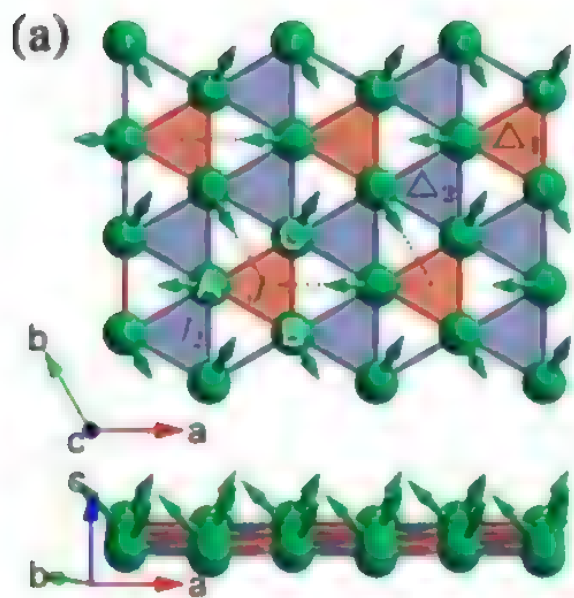


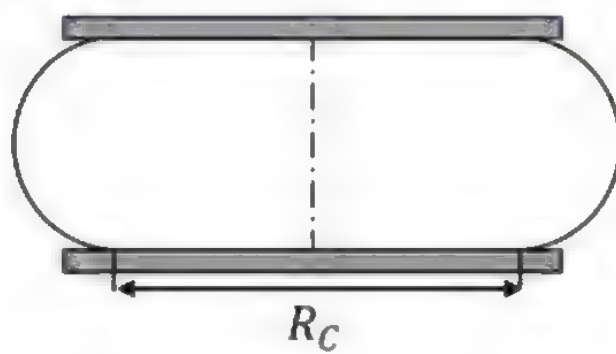
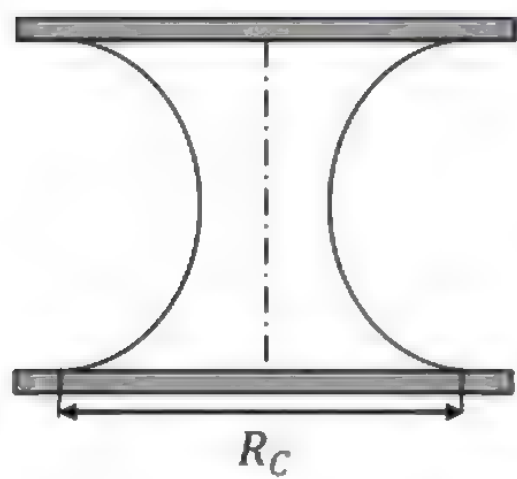
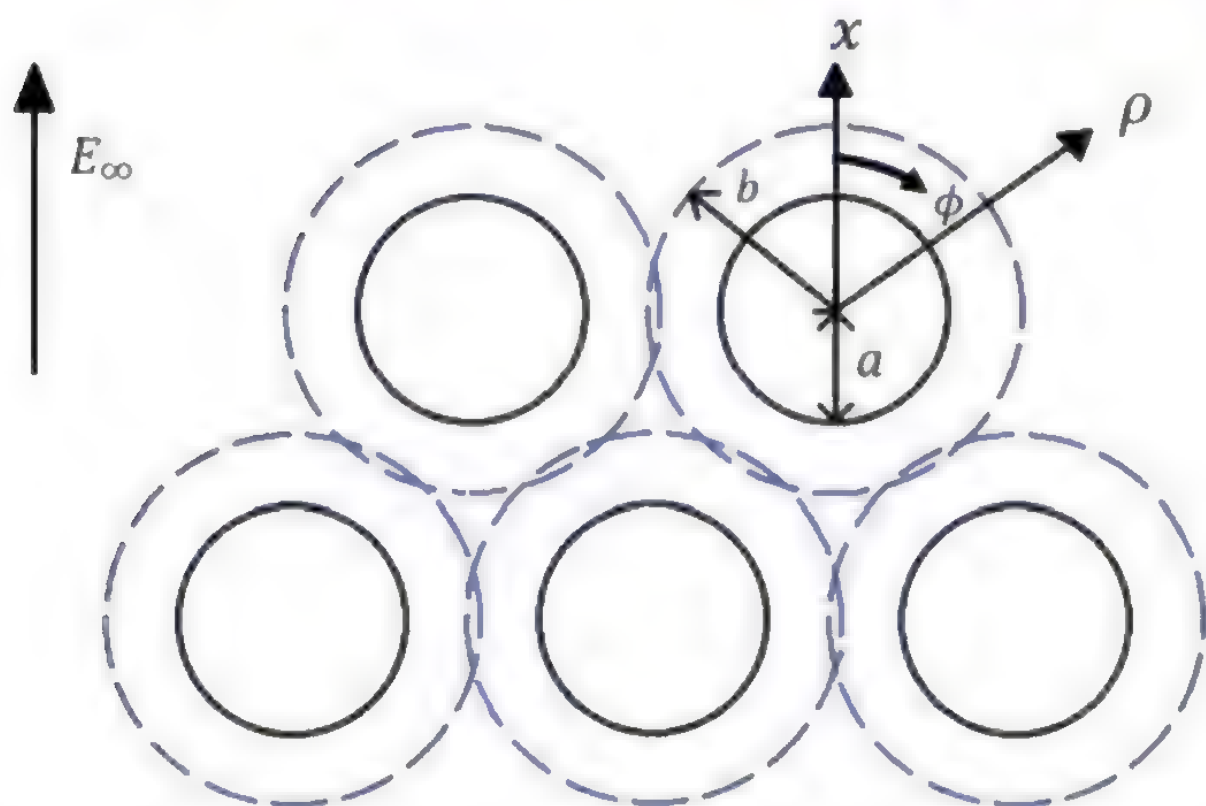
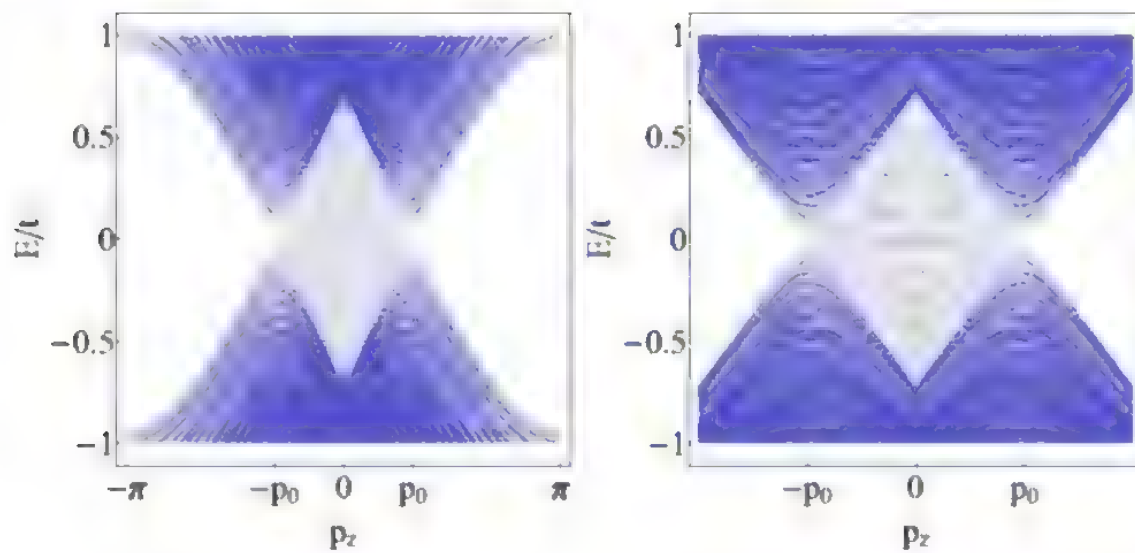
(a)

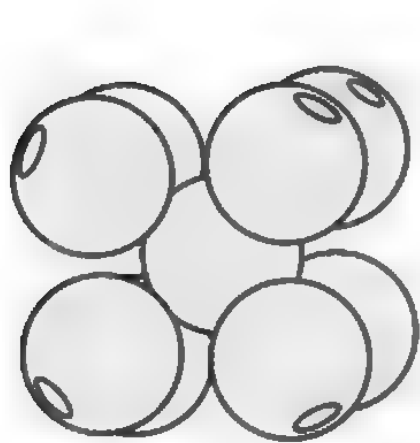
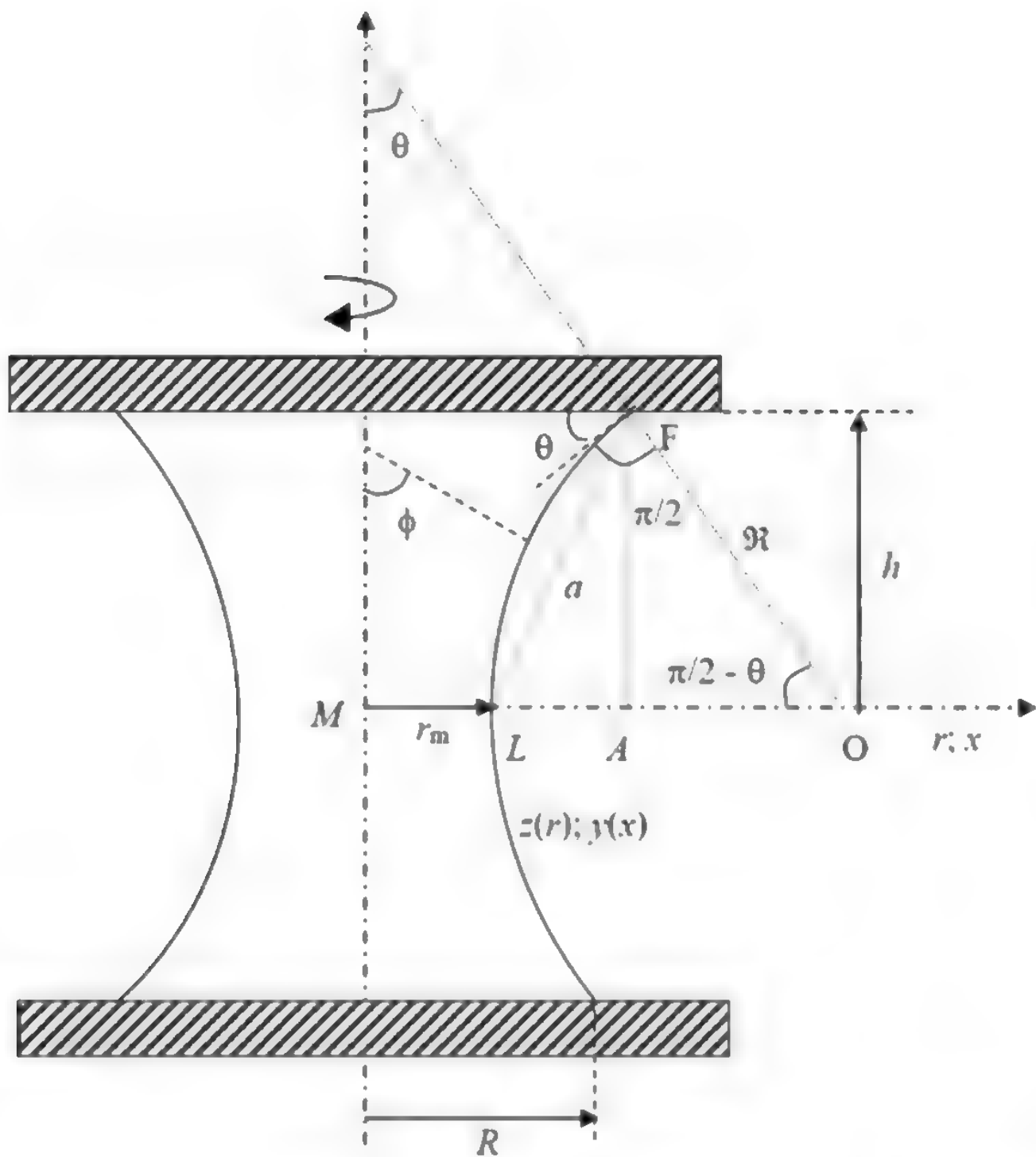


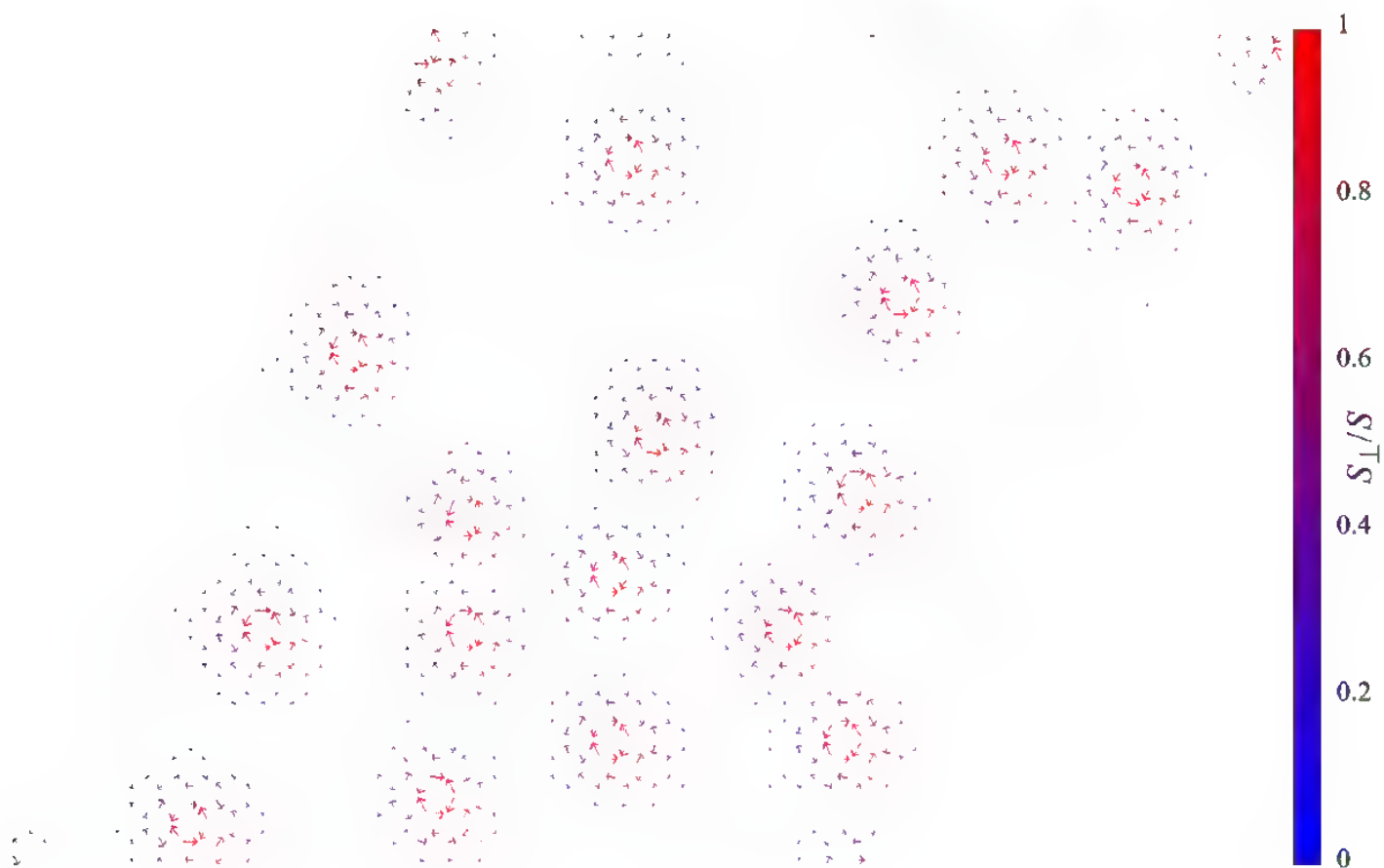
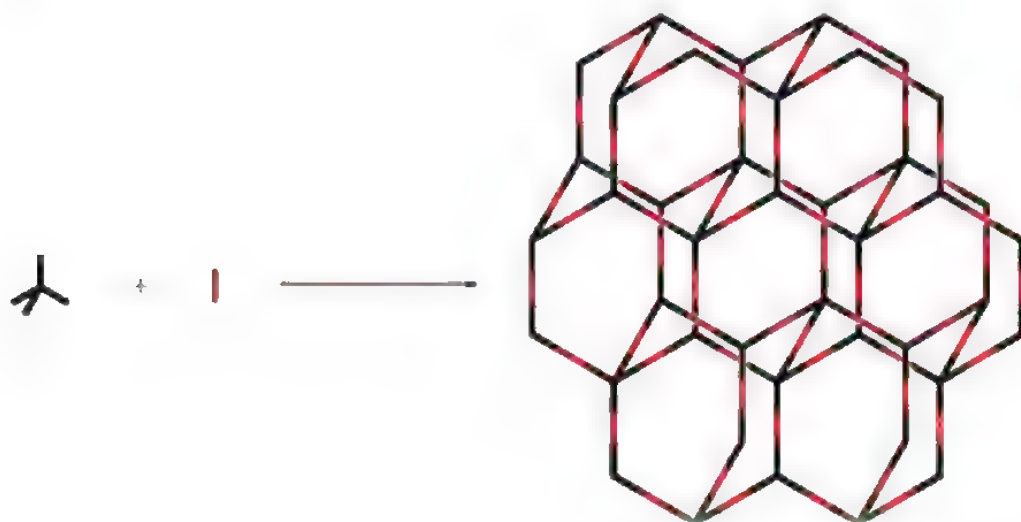
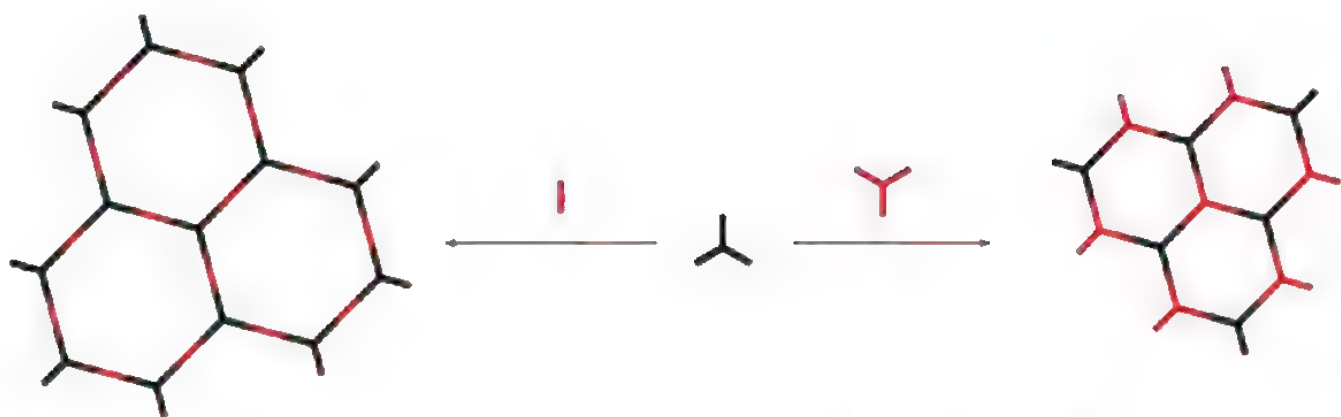
(b)

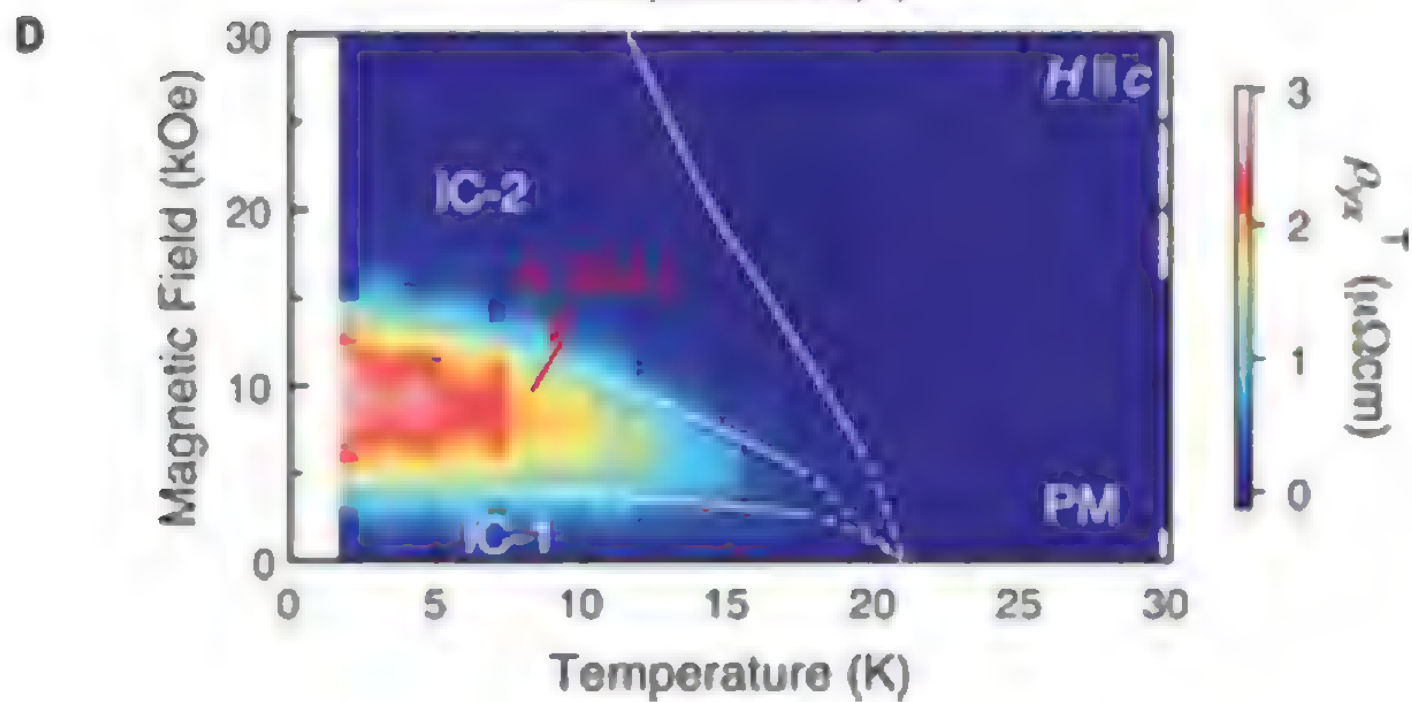
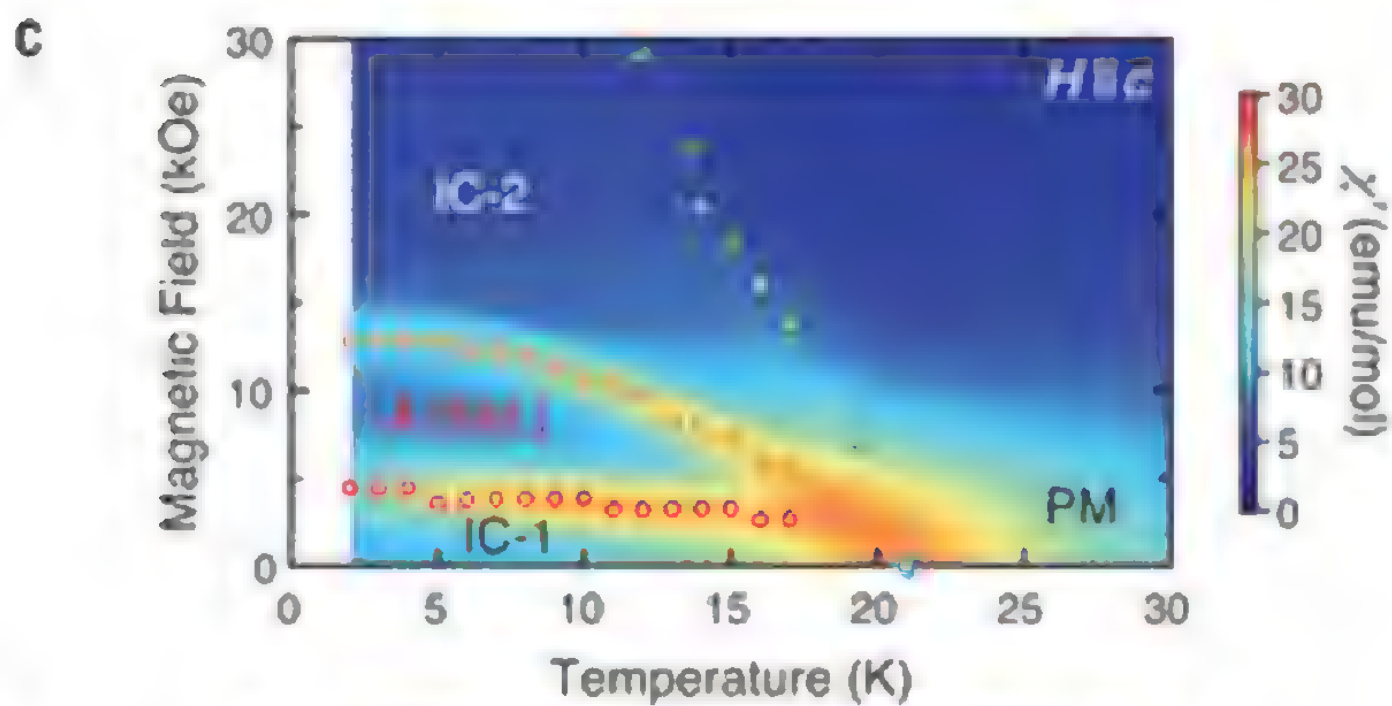
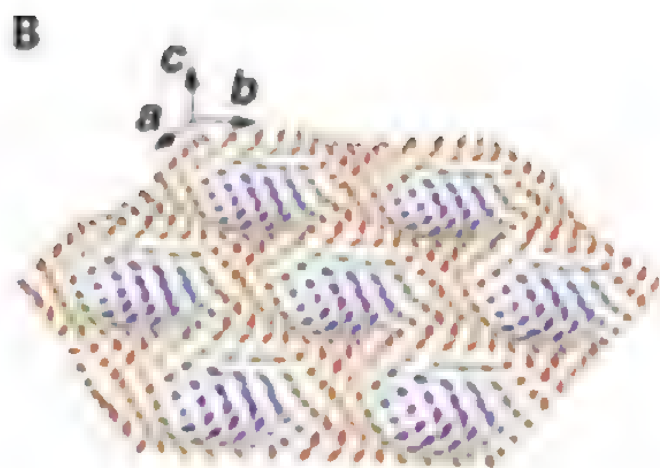
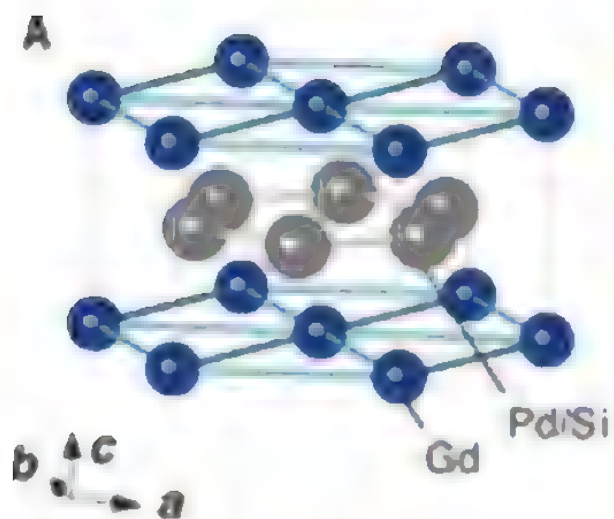


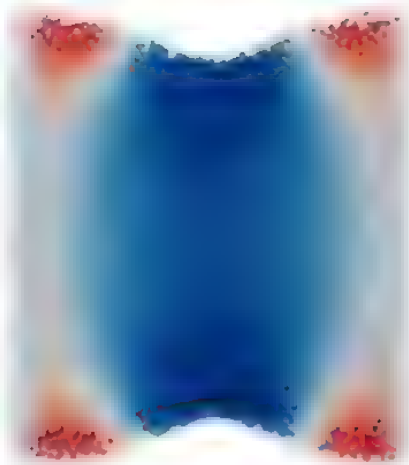
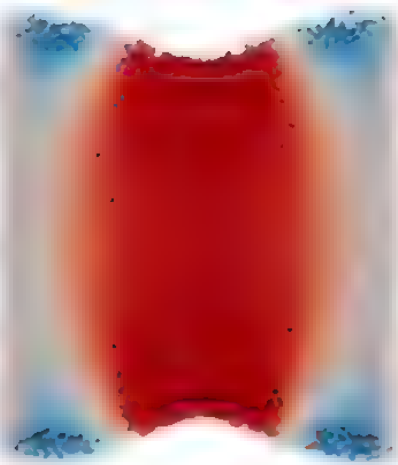
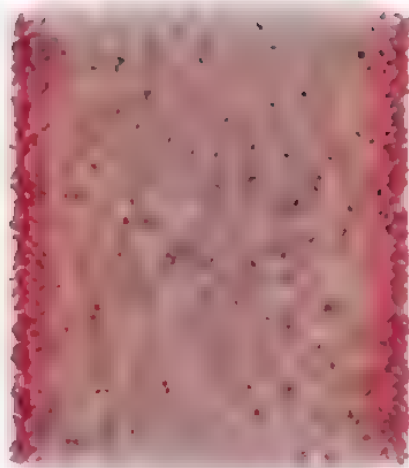
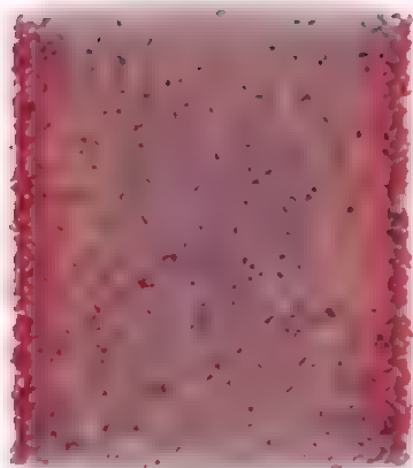


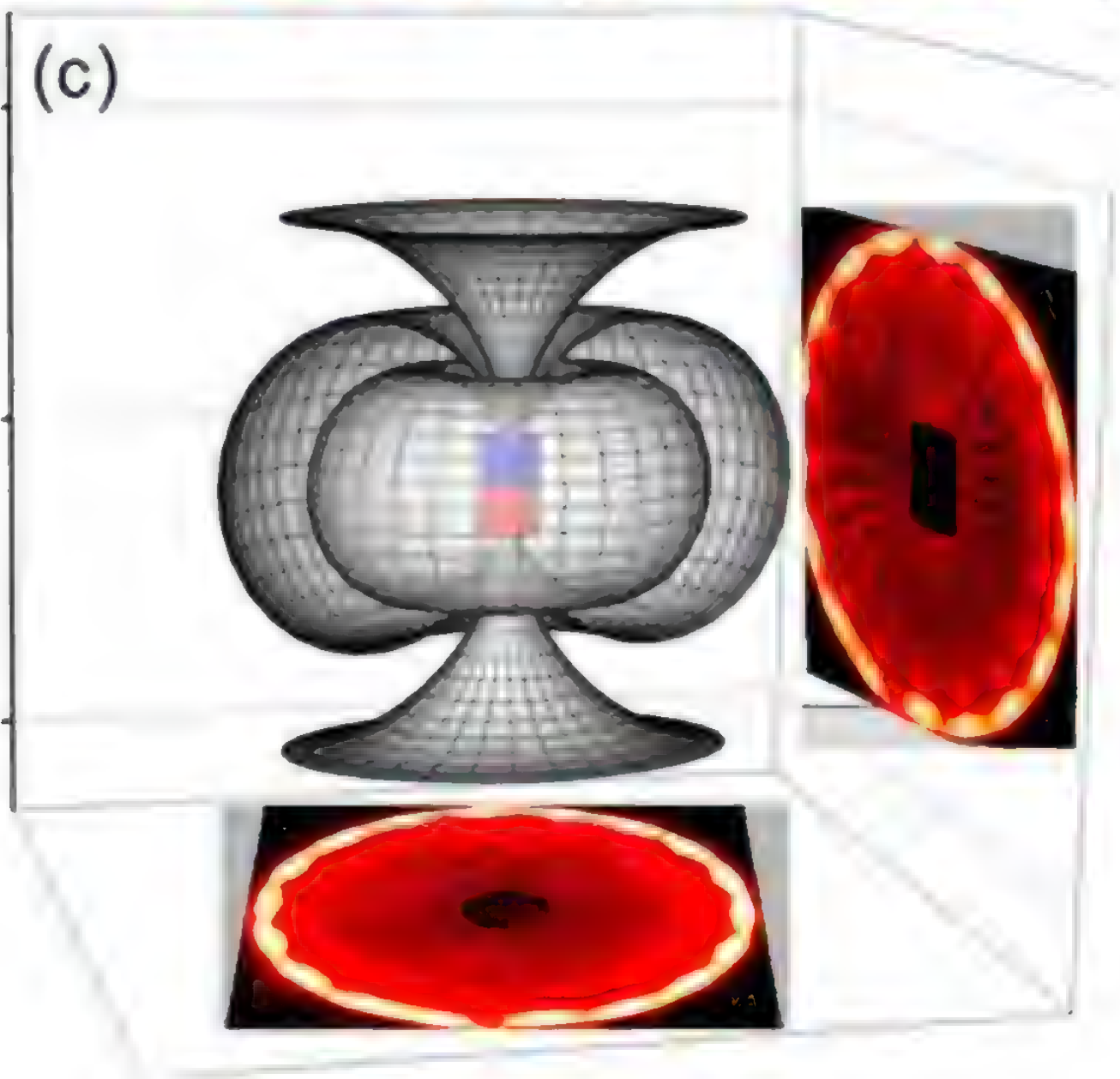
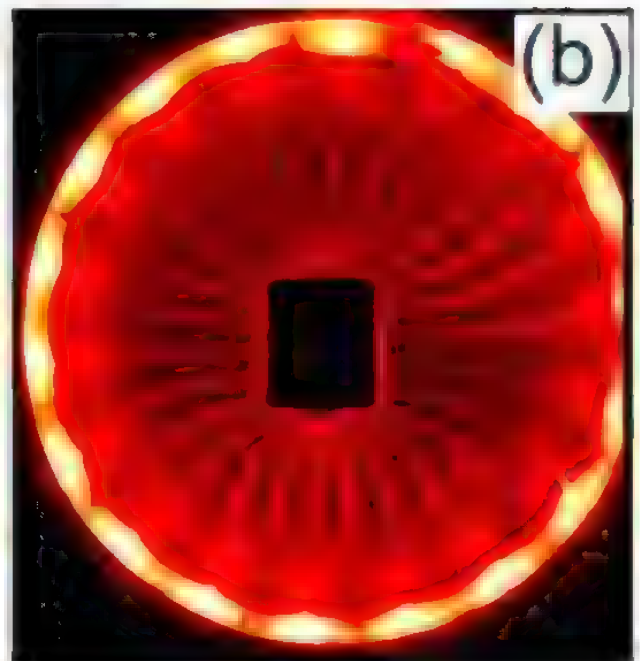
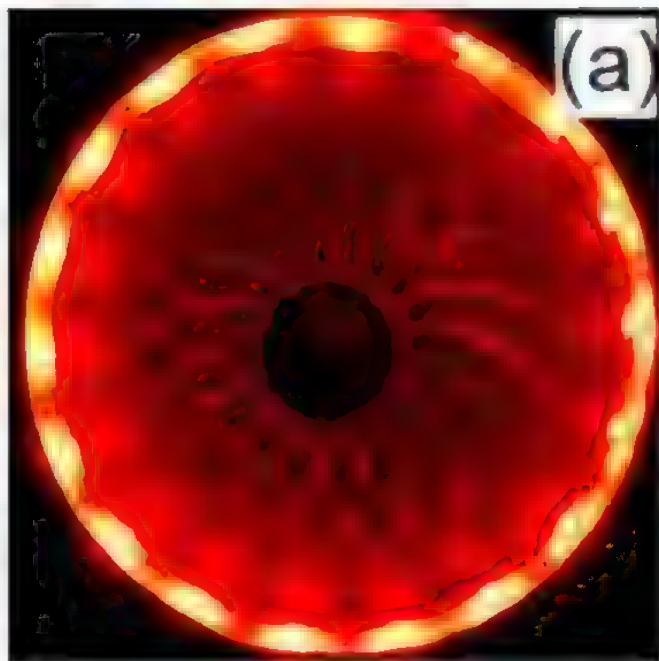


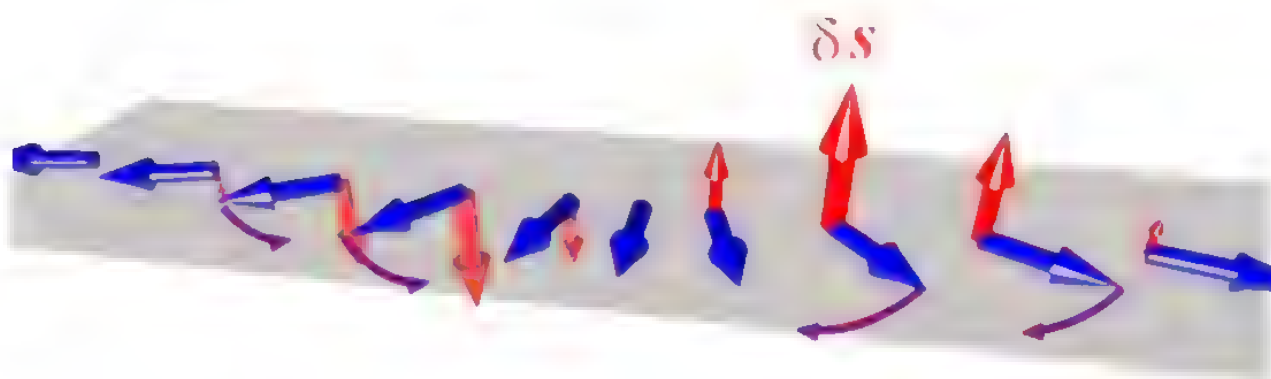
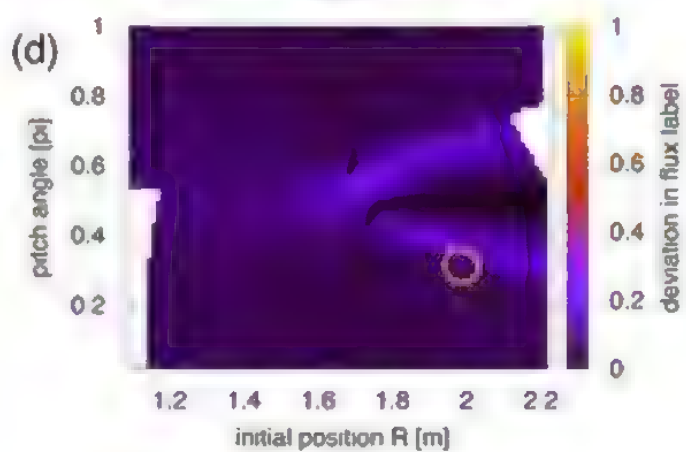
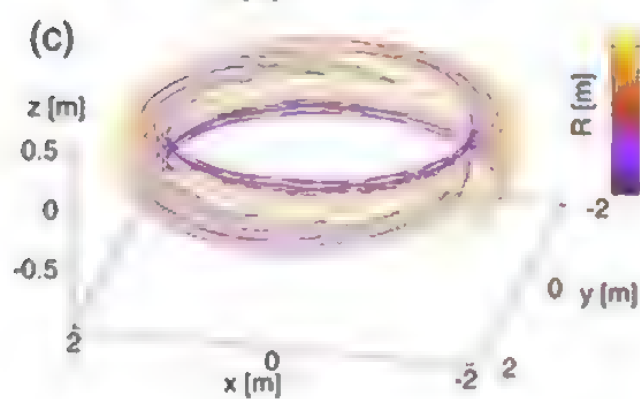
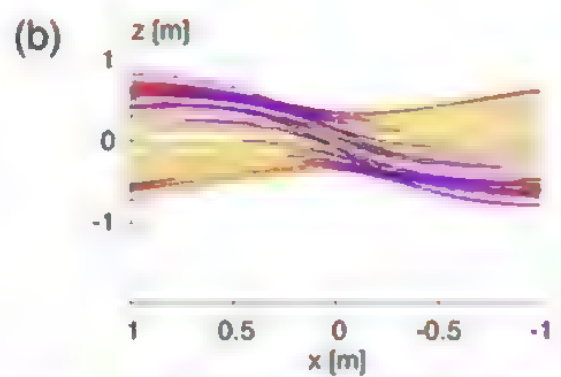
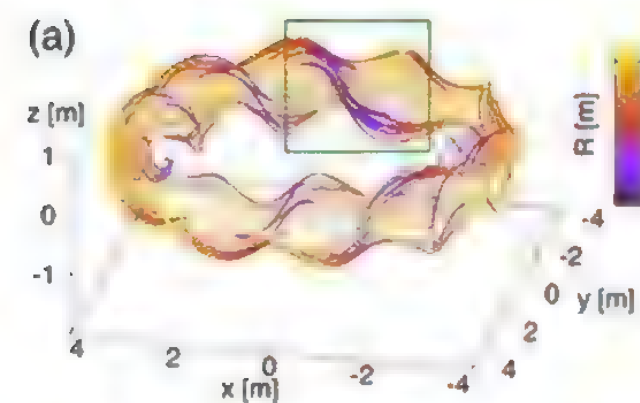
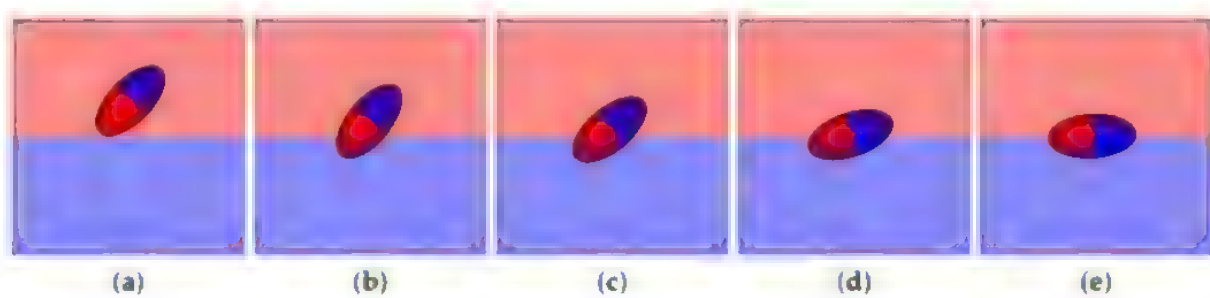


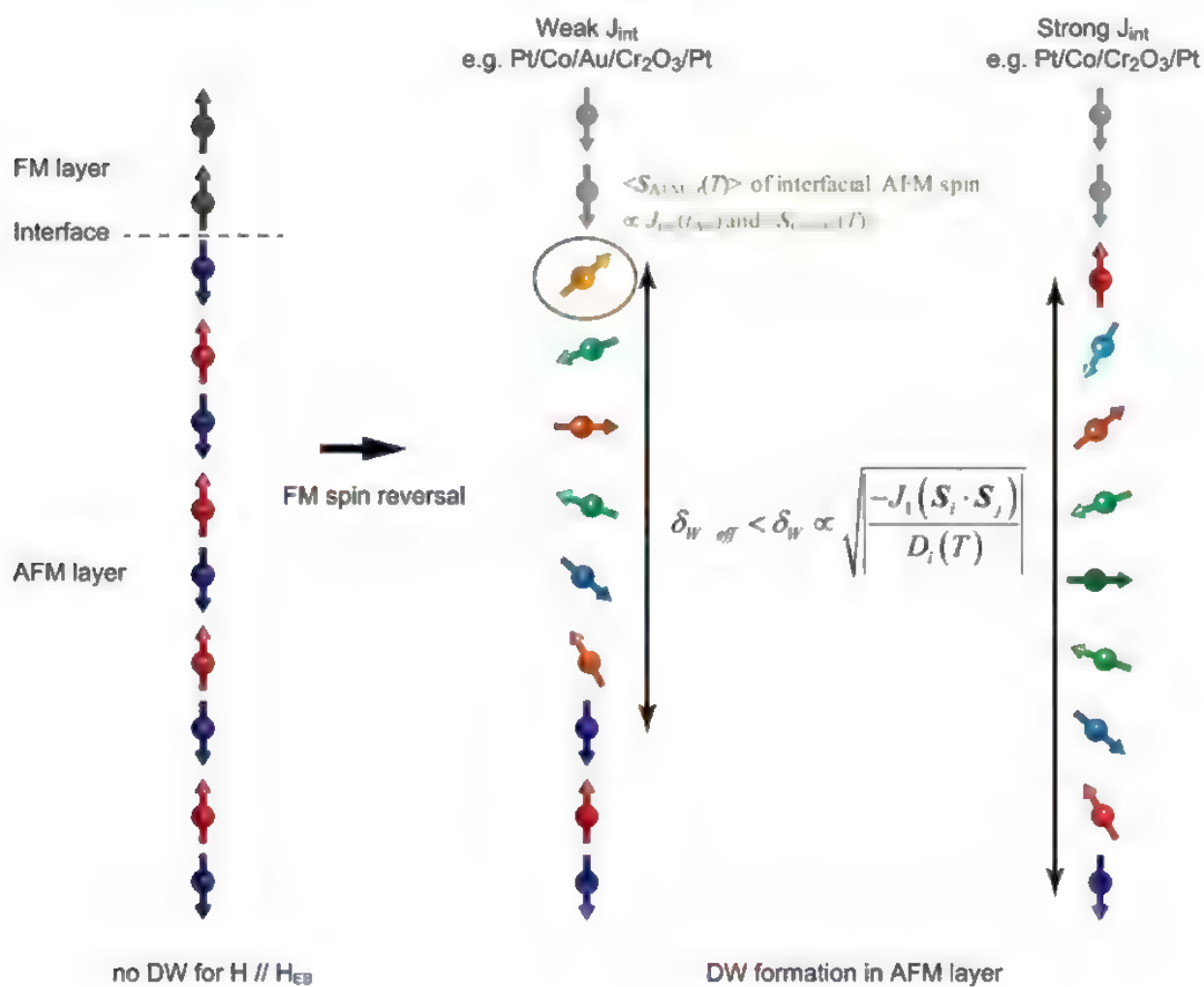
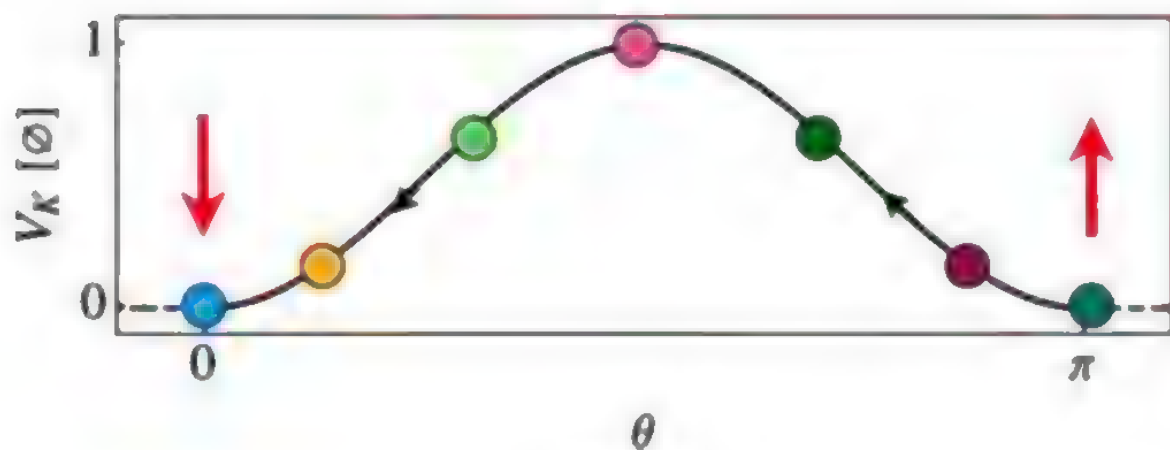
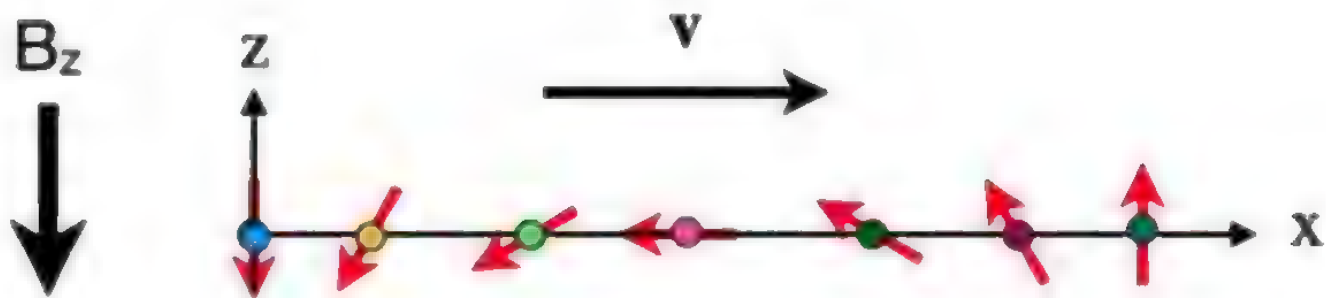




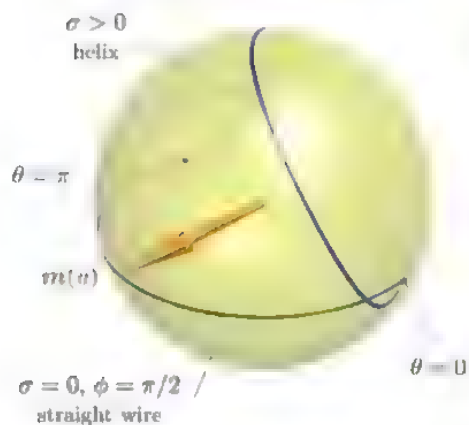




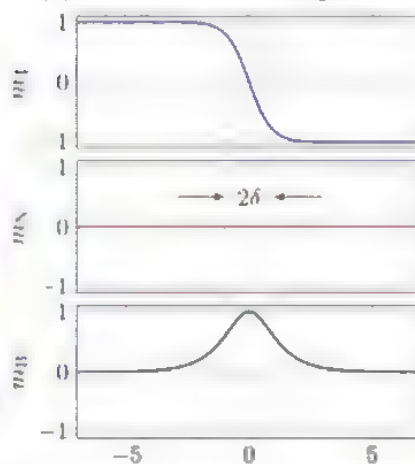




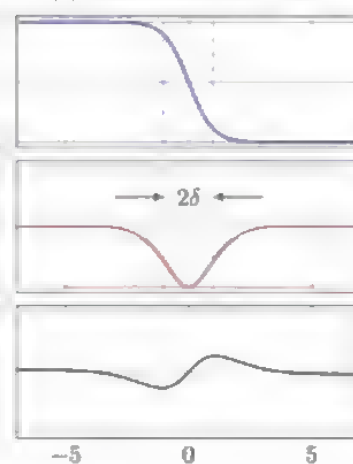
(a) Schematic of the evolution of magnetization vector



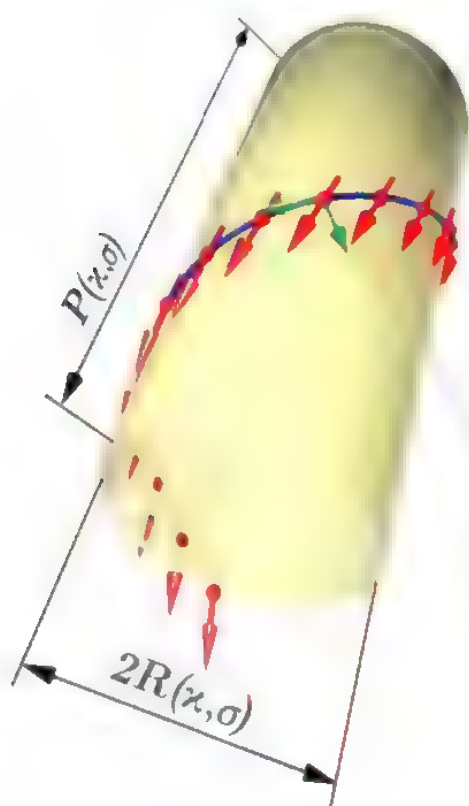
(b) Domain wall in a straight wire



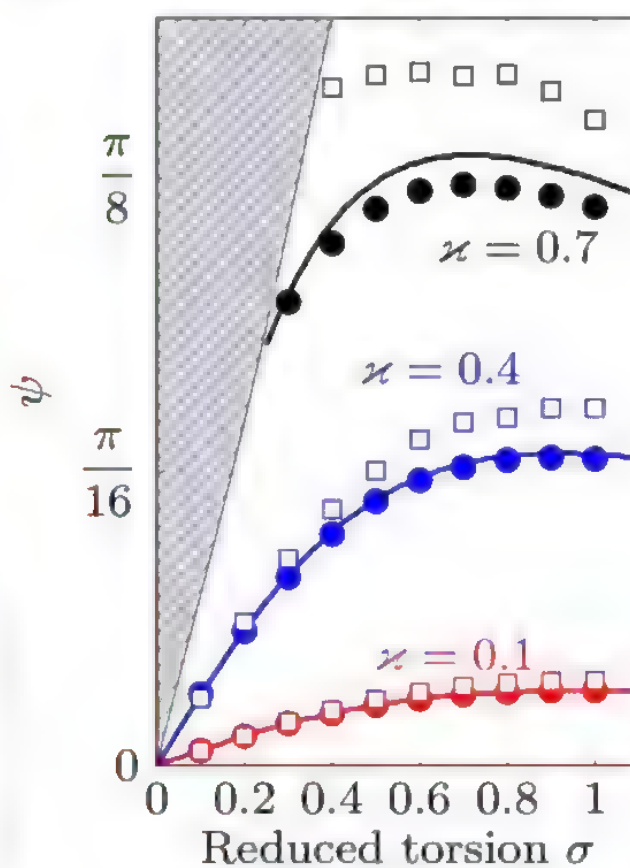
(c) Domain wall in a helix



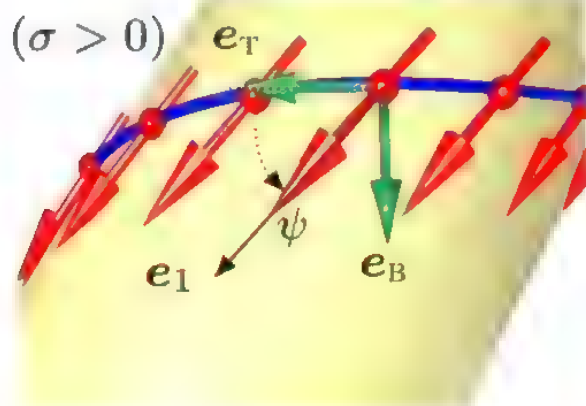
(a) Schematics



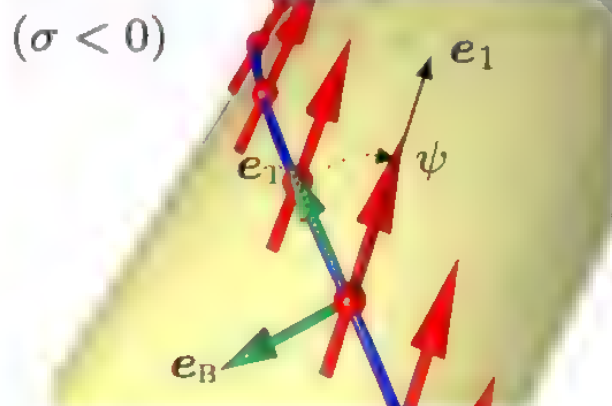
(b) Rotation angle



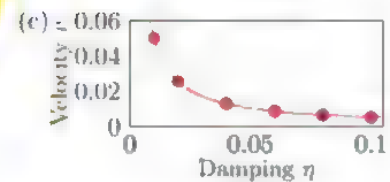
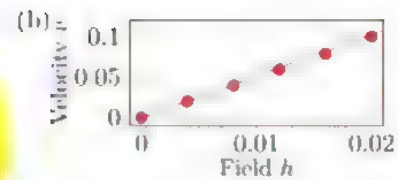
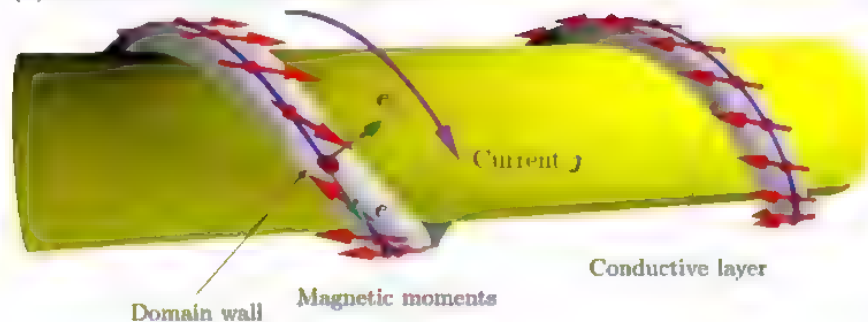
(c) Right-handed helix



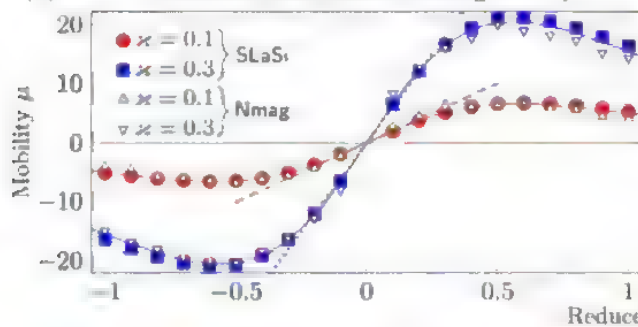
(d) Left-handed helix



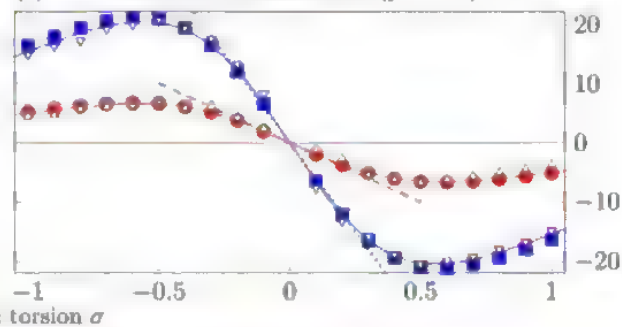
(a) Schematics of SLaSi simulations



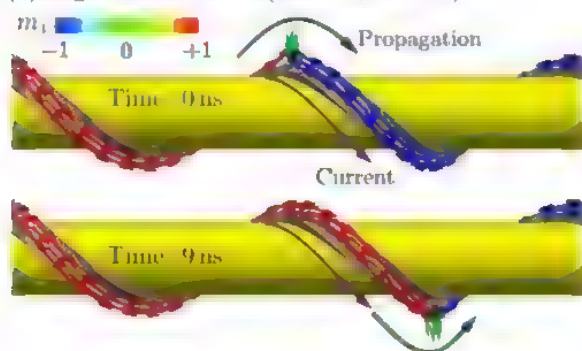
(d) Head-to-head domain wall ($p = +1$)



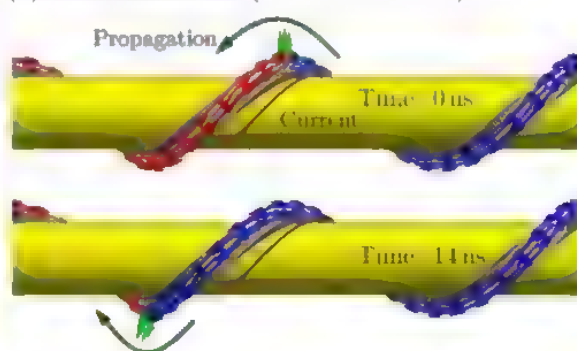
(e) Tail-to-tail domain wall ($p = -1$)



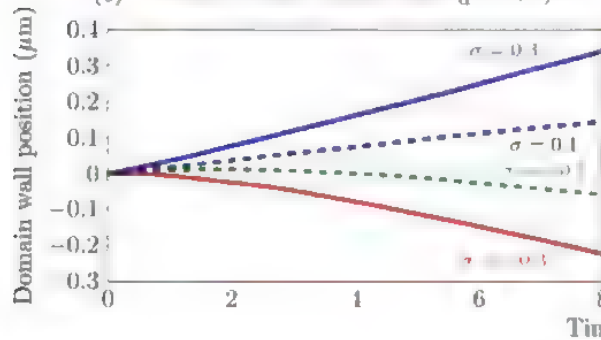
(a) Right-handed helix ($\sigma = 0.1, \mathcal{C} = +1$)



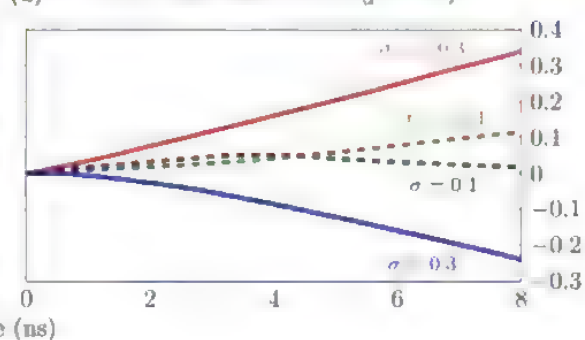
(b) Left-handed helix ($\sigma = -0.1, \mathcal{C} = -1$)



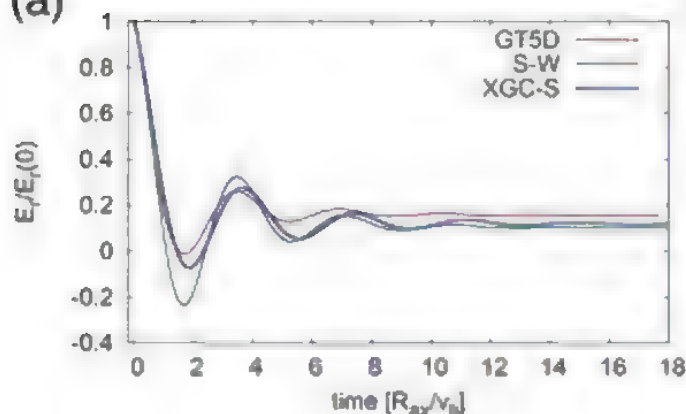
(c) Head-to-head domain wall ($p = +1$)



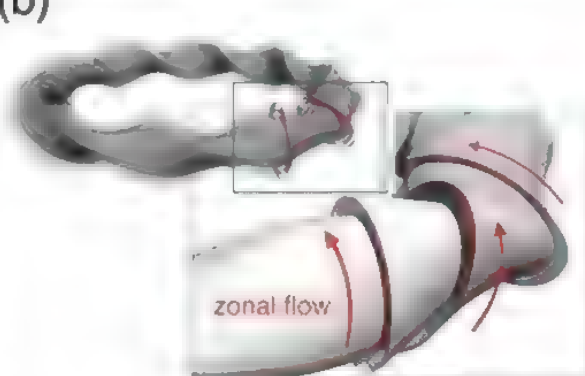
(d) Tail-to-tail domain wall ($p = -1$)

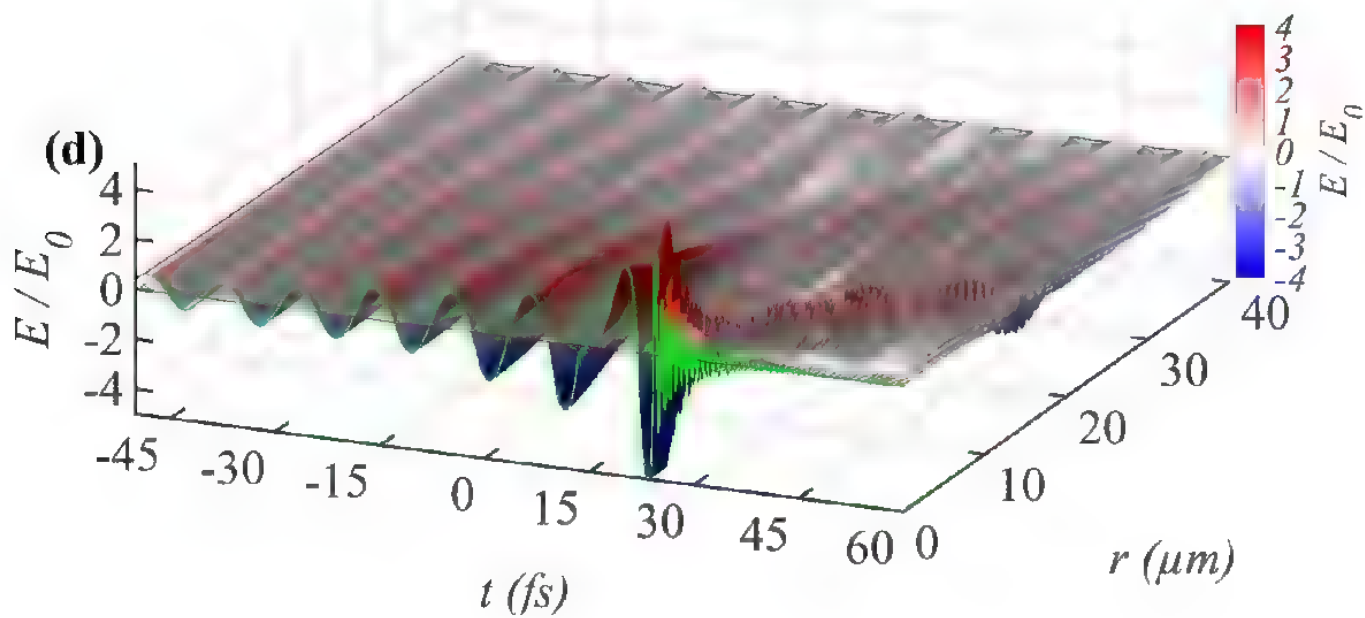
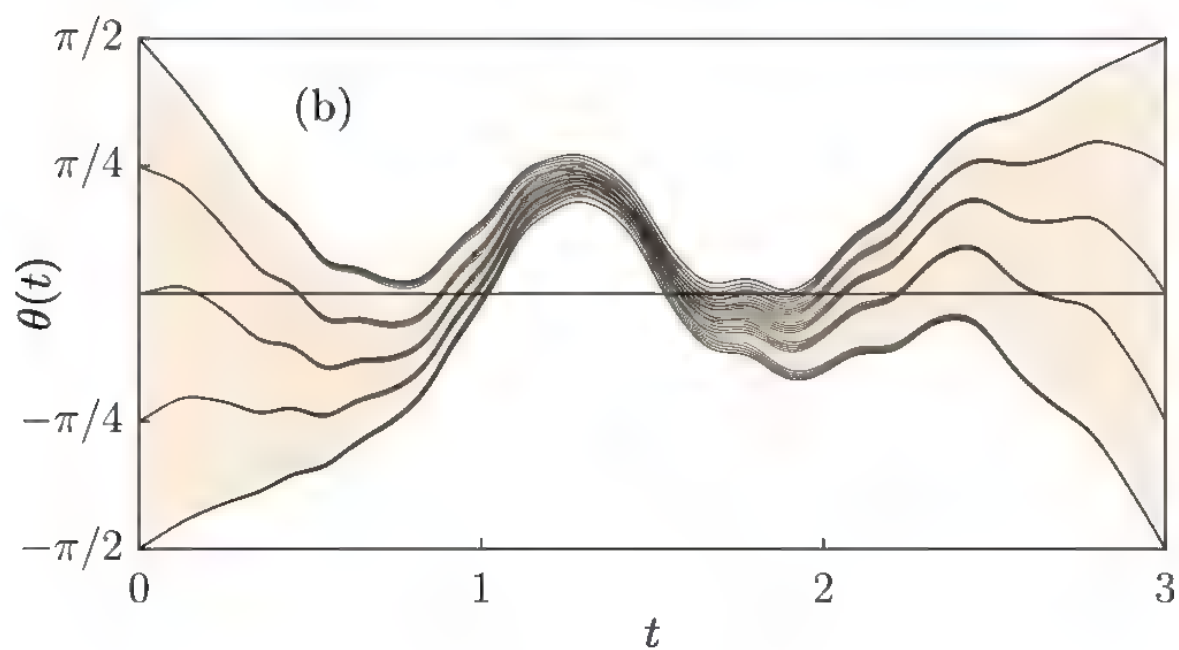
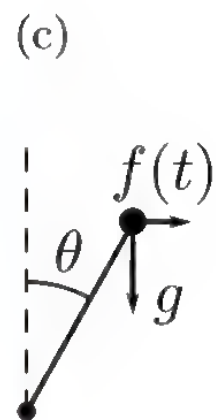
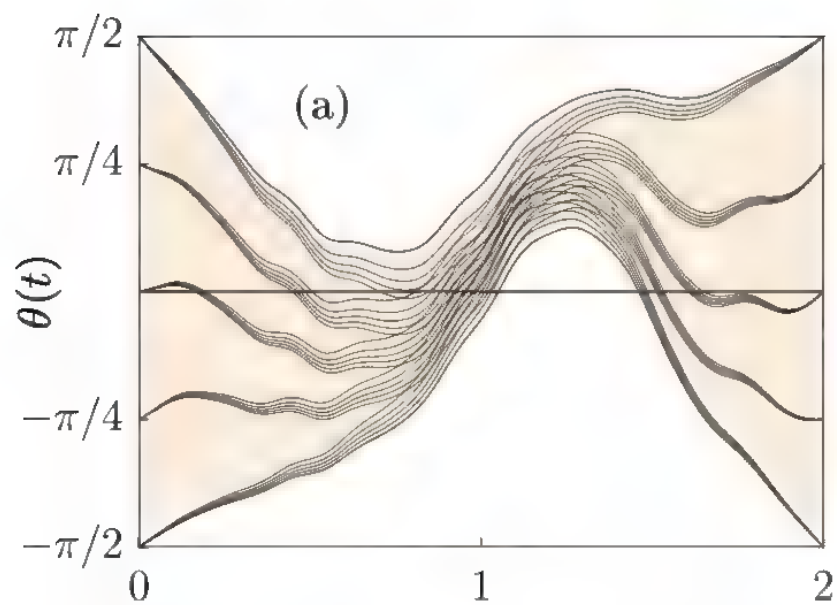


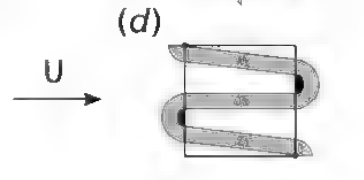
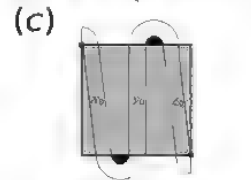
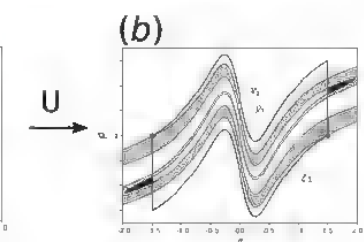
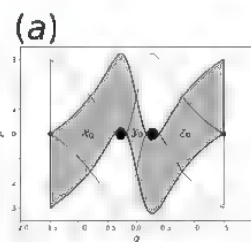
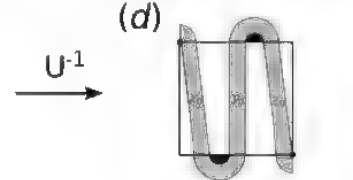
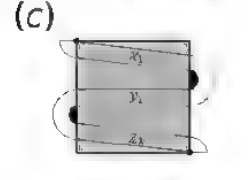
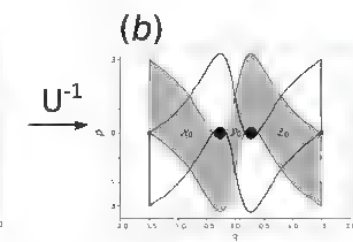
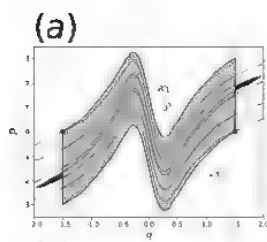
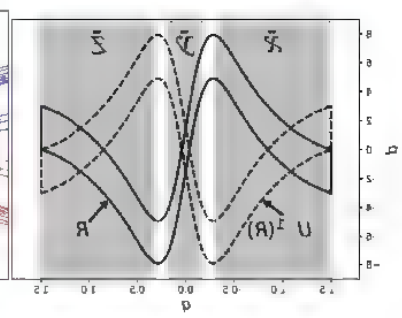
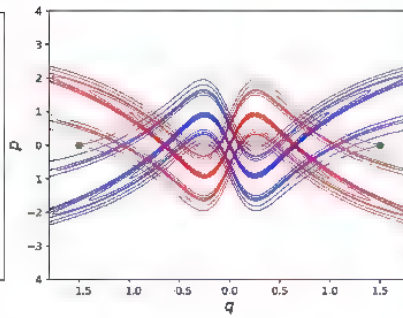
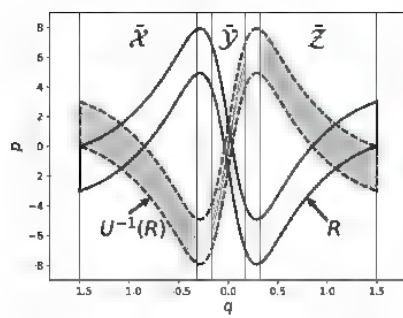
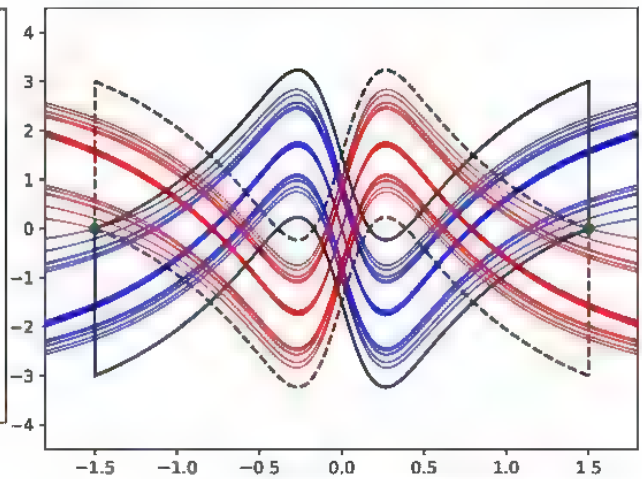
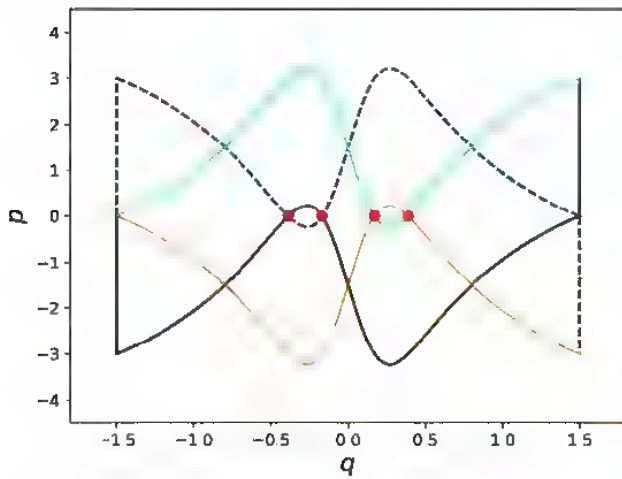
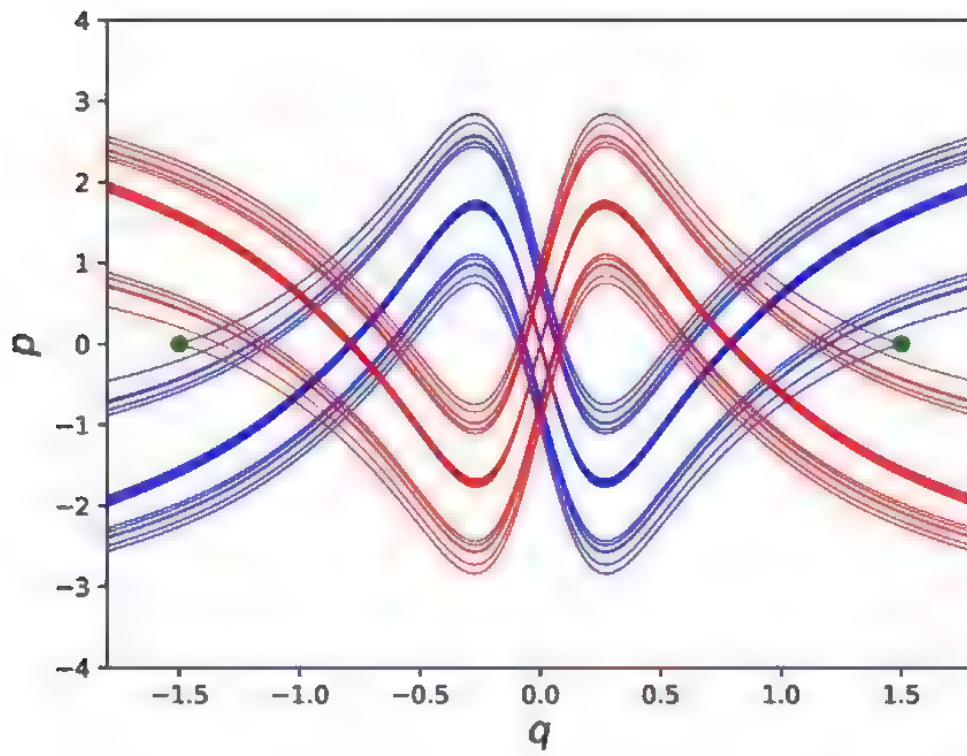
(a)



(b)









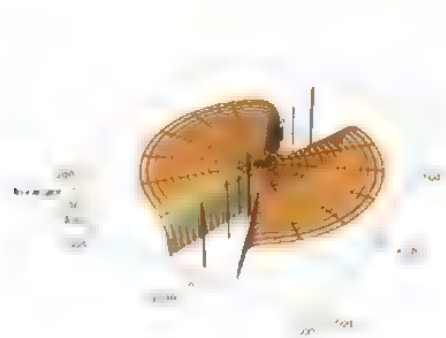
(c) r_2 and $t = 10$ s



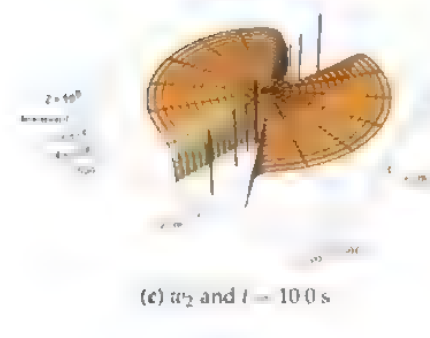
(d) r_2 and $t = 100$ s



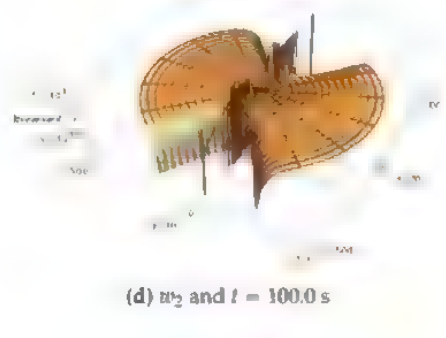
(a) w_2 and $t = 0$ s



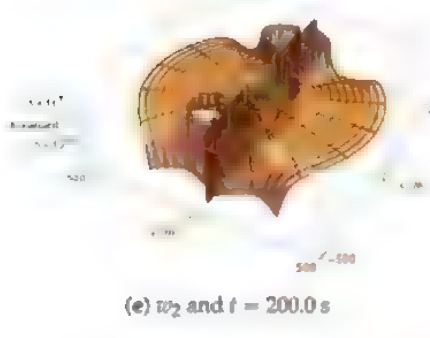
(b) w_2 and $t = 10$ s



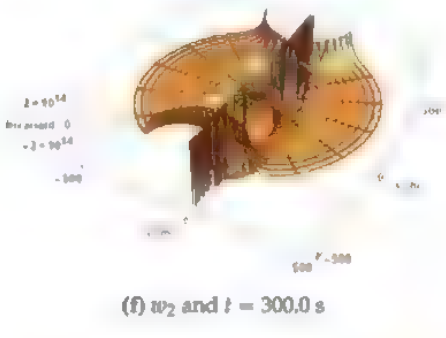
(c) w_2 and $t = 100$ s



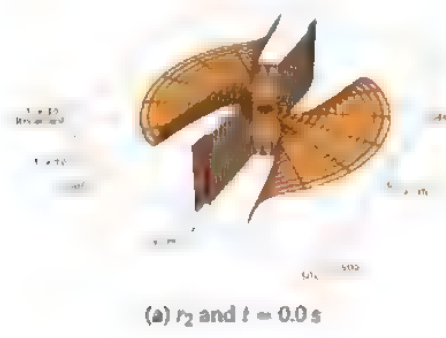
(d) w_2 and $t = 100.0$ s



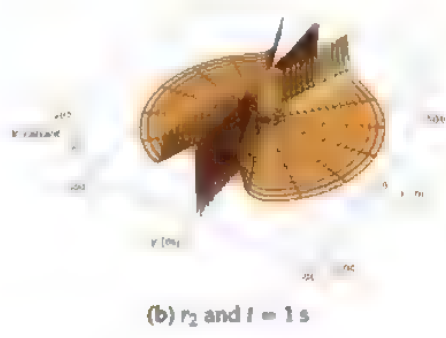
(e) w_2 and $t = 200.0$ s



(f) w_2 and $t = 300.0$ s

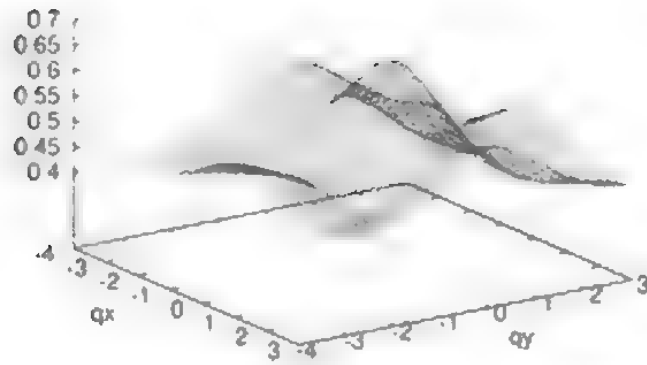


(a) r_2 and $t = 0.0$ s

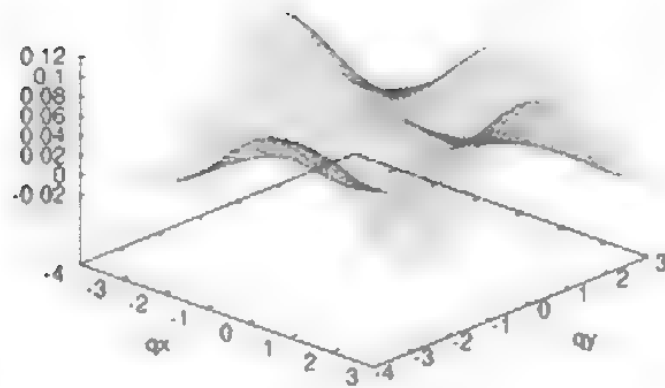


(b) r_2 and $t = 1$ s

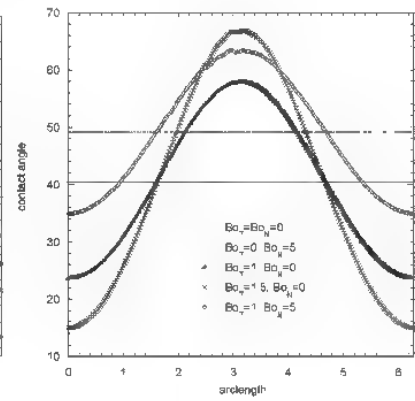
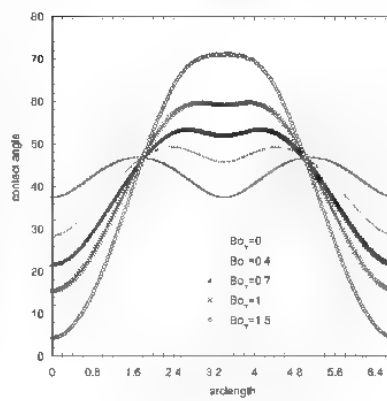
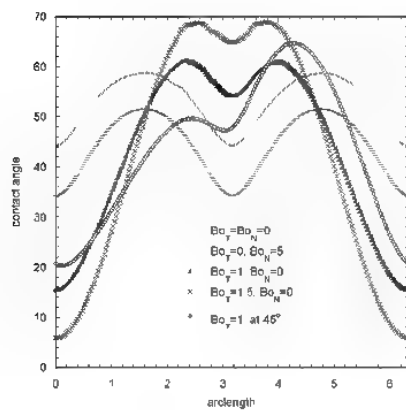
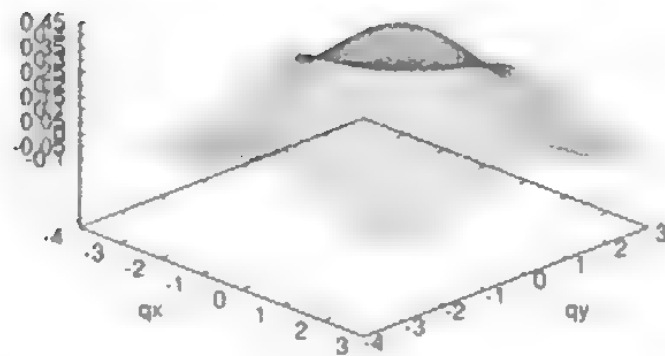
a)

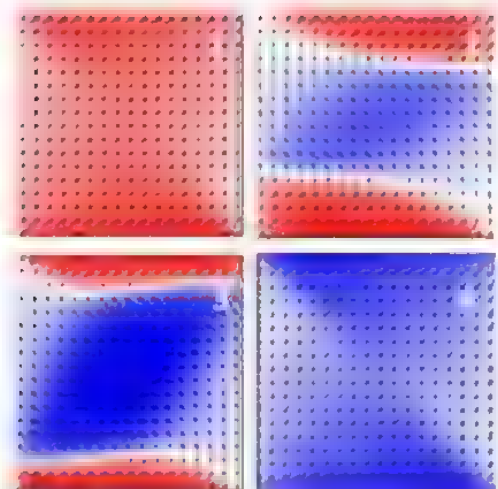


b)

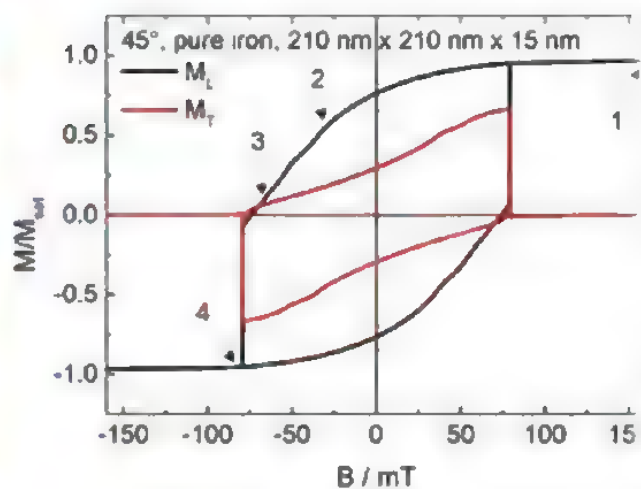


c)

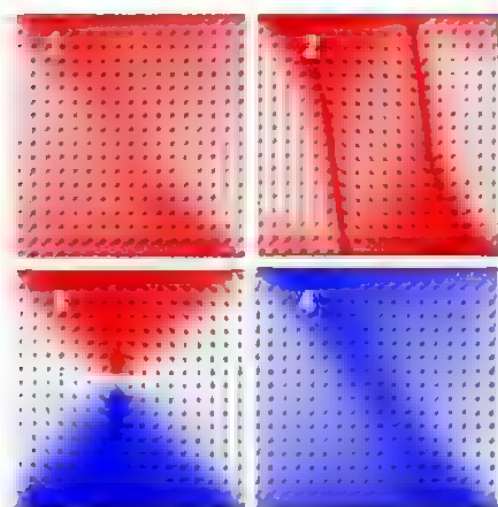




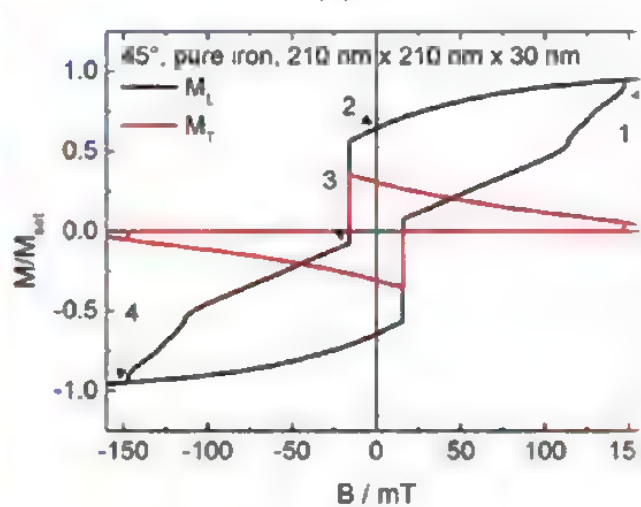
(a)



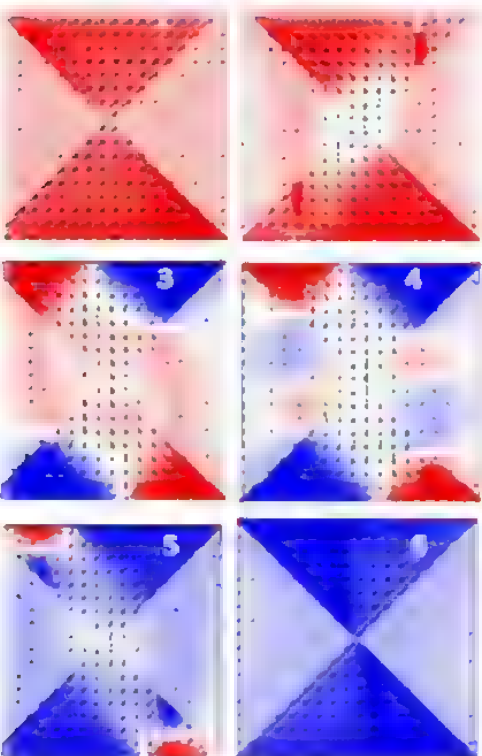
(b)



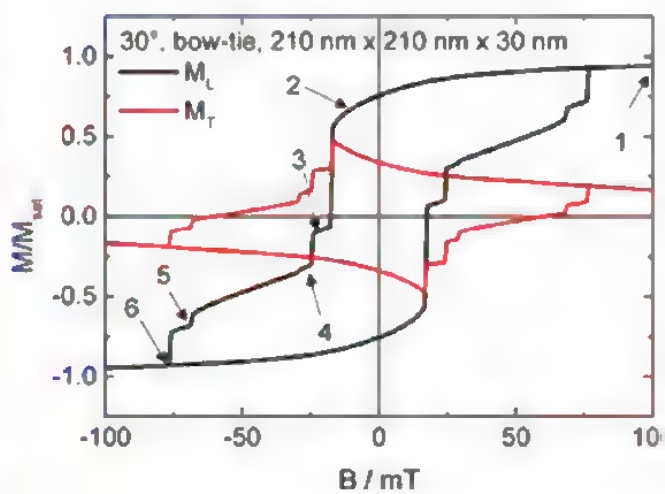
(c)



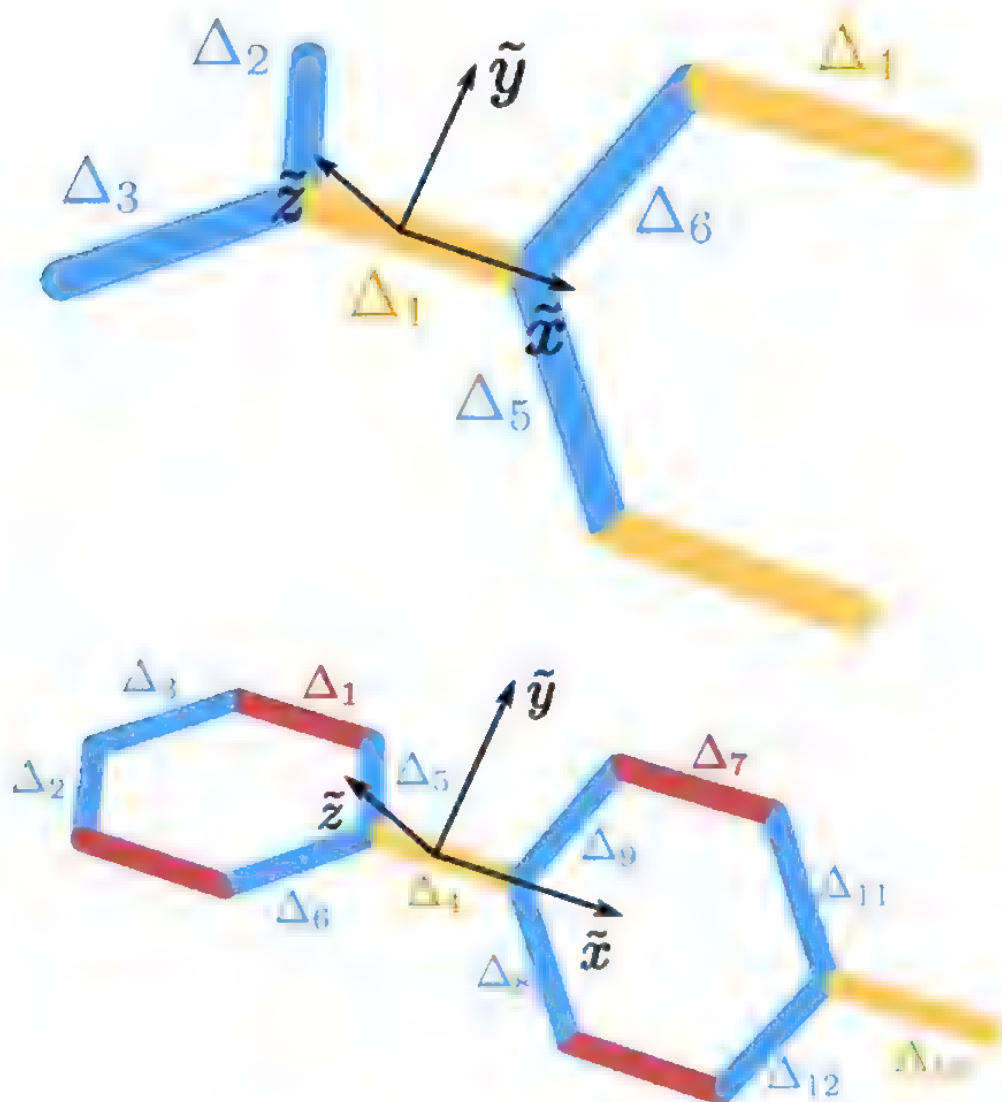
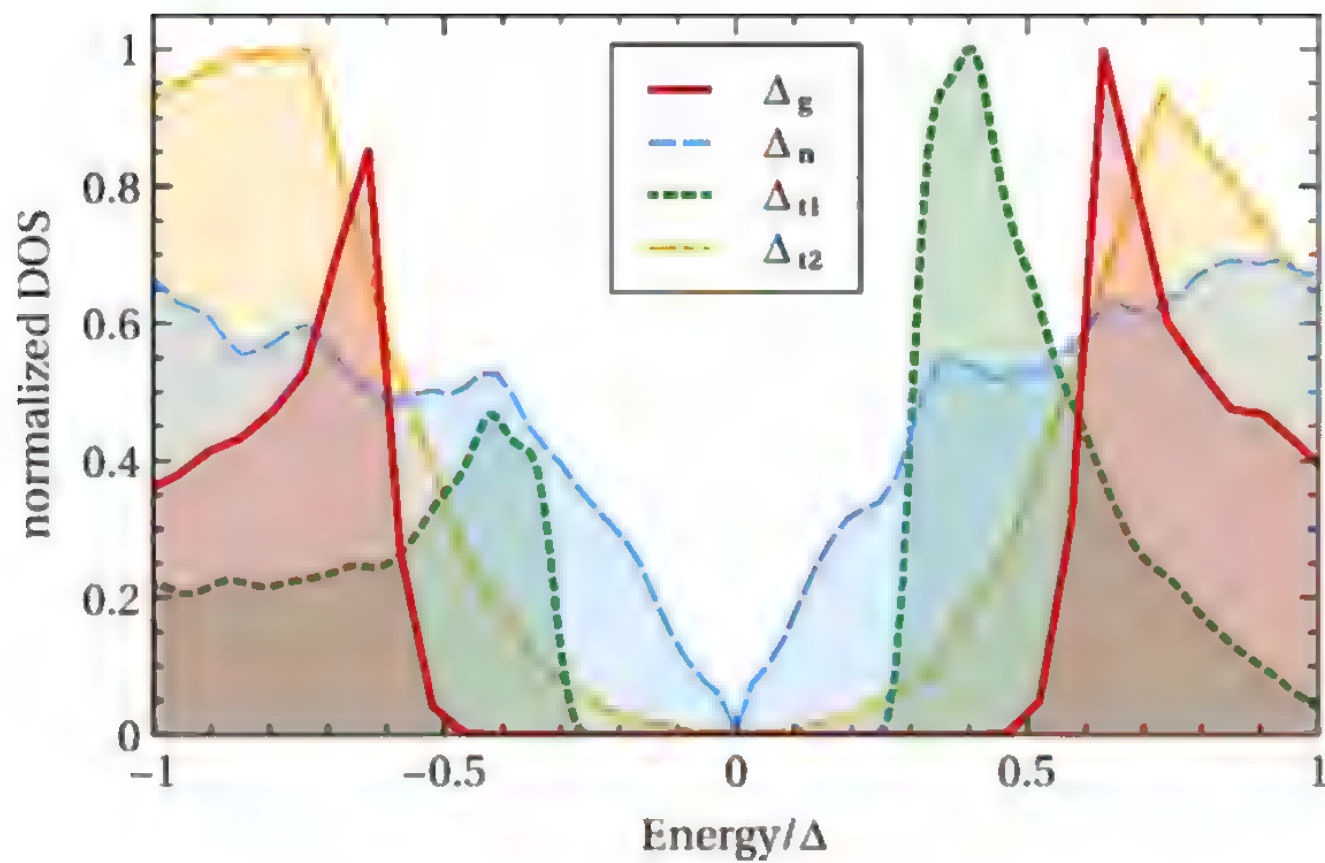
(d)

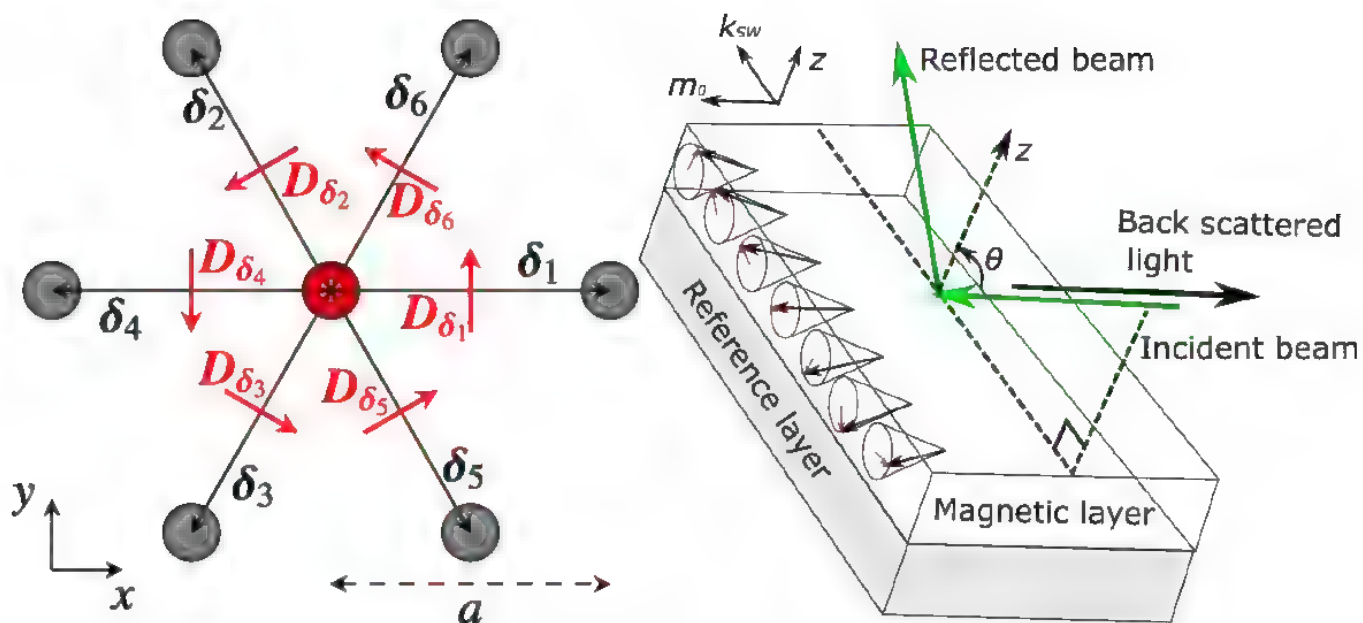


(a)

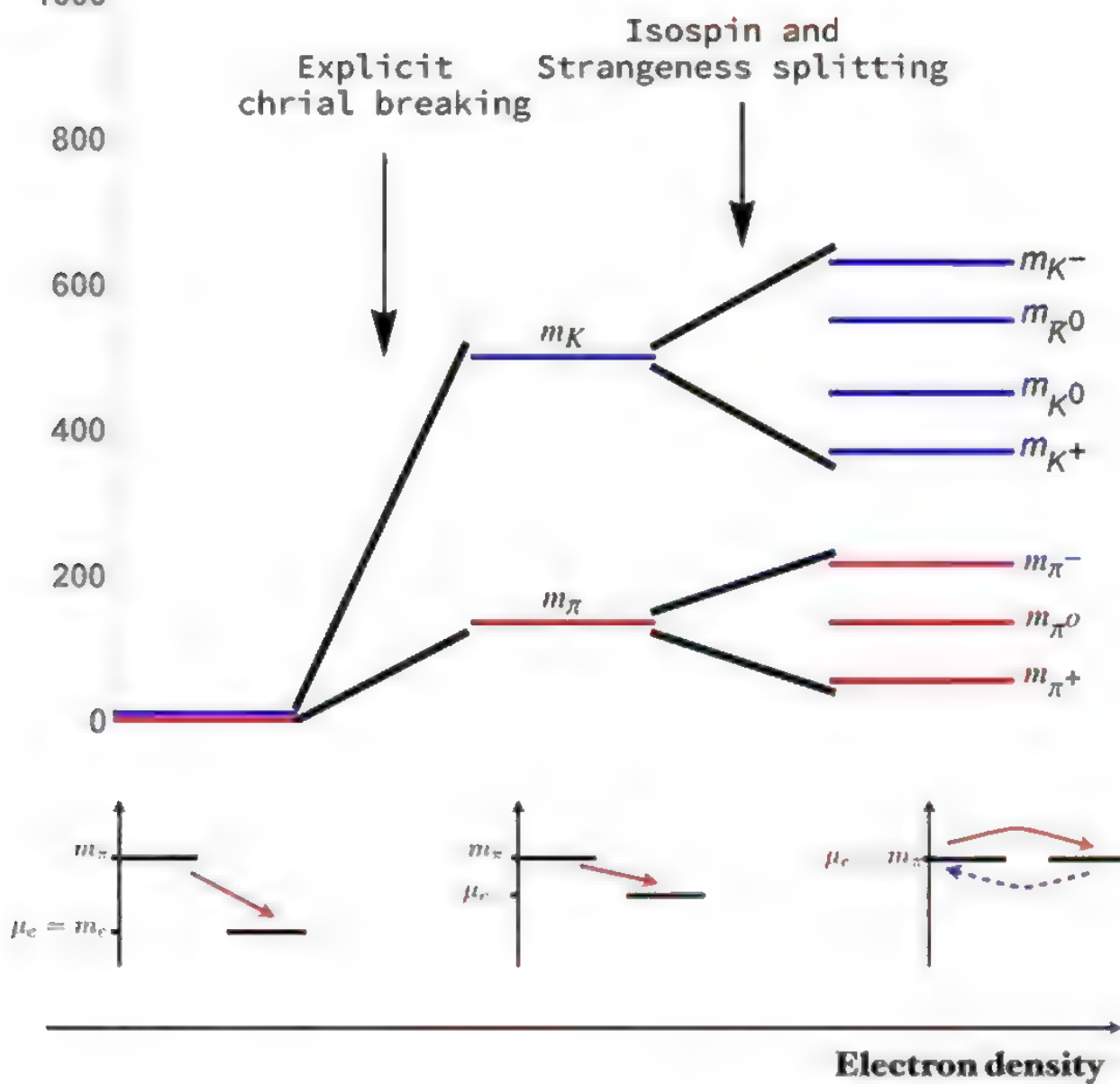


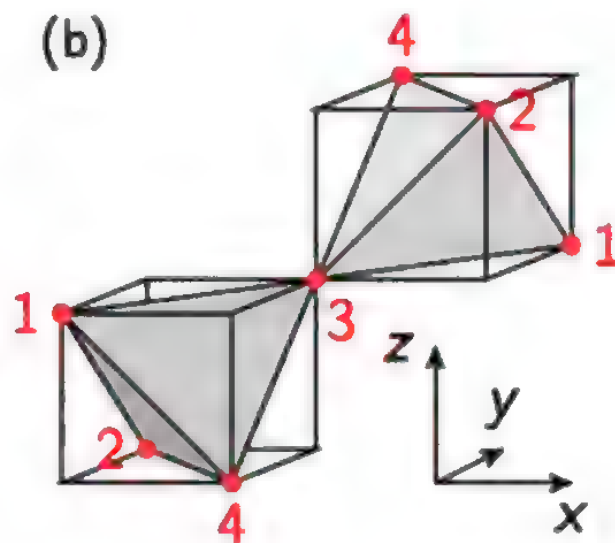
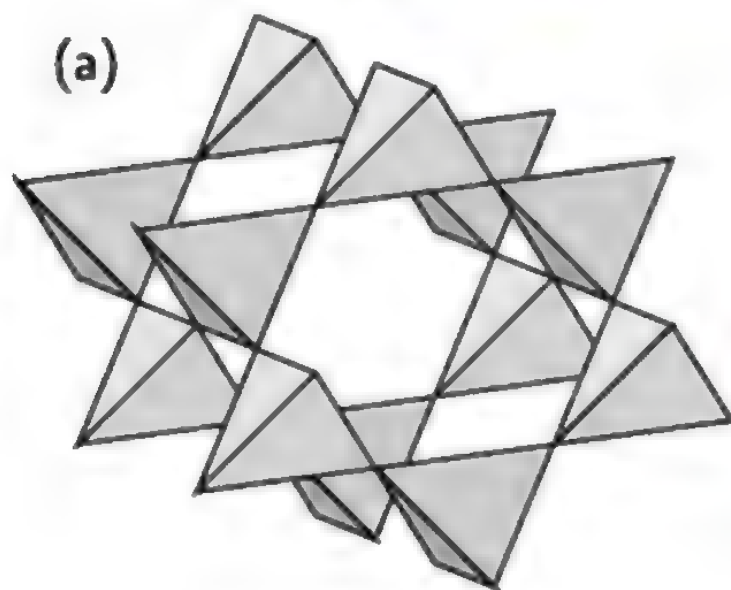
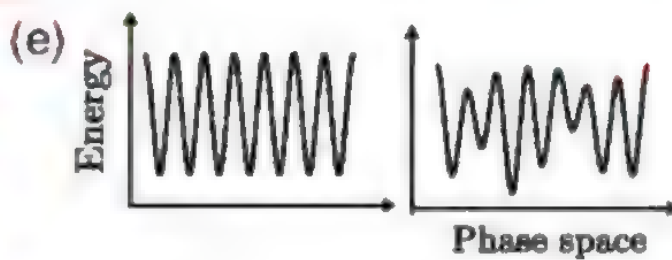
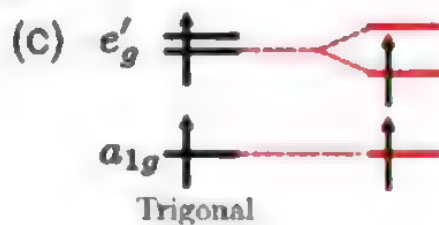
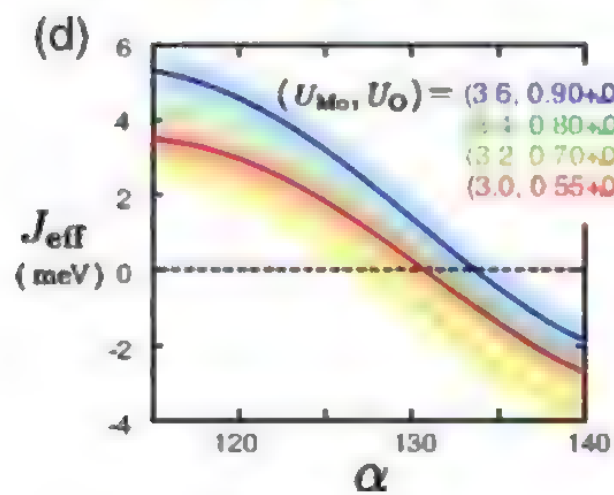
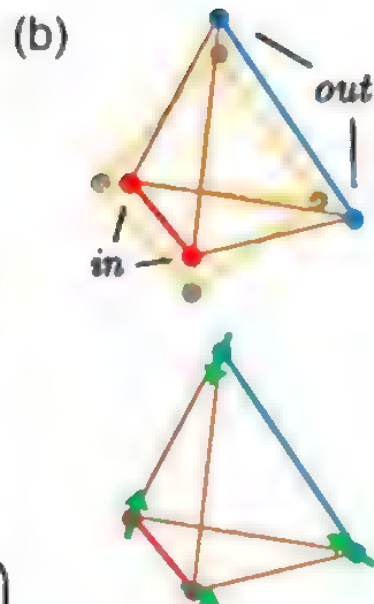
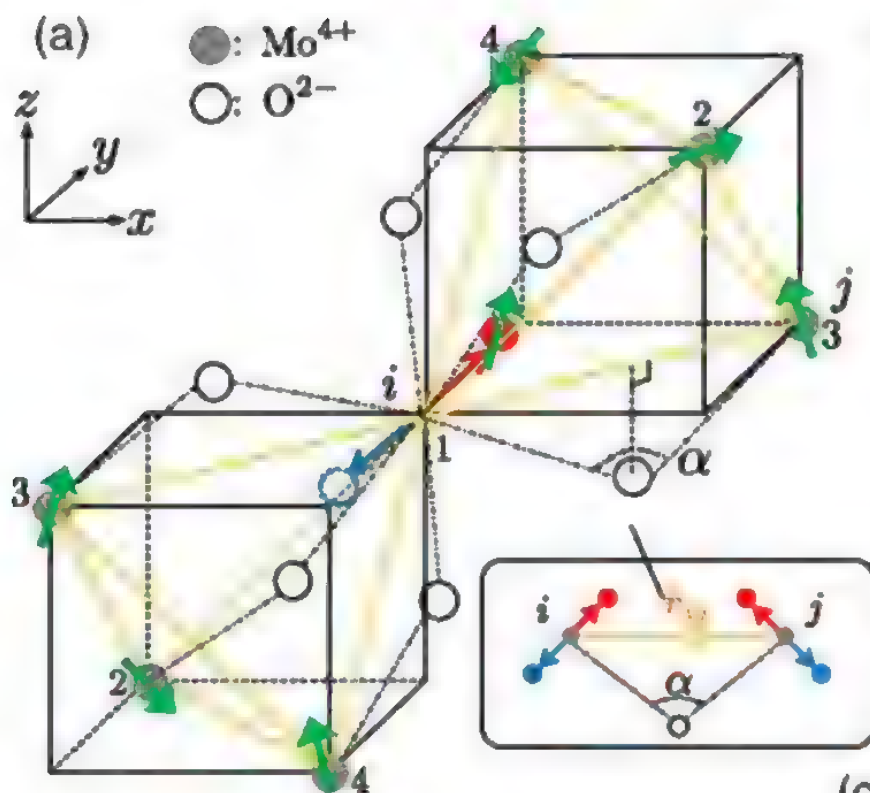
(b)

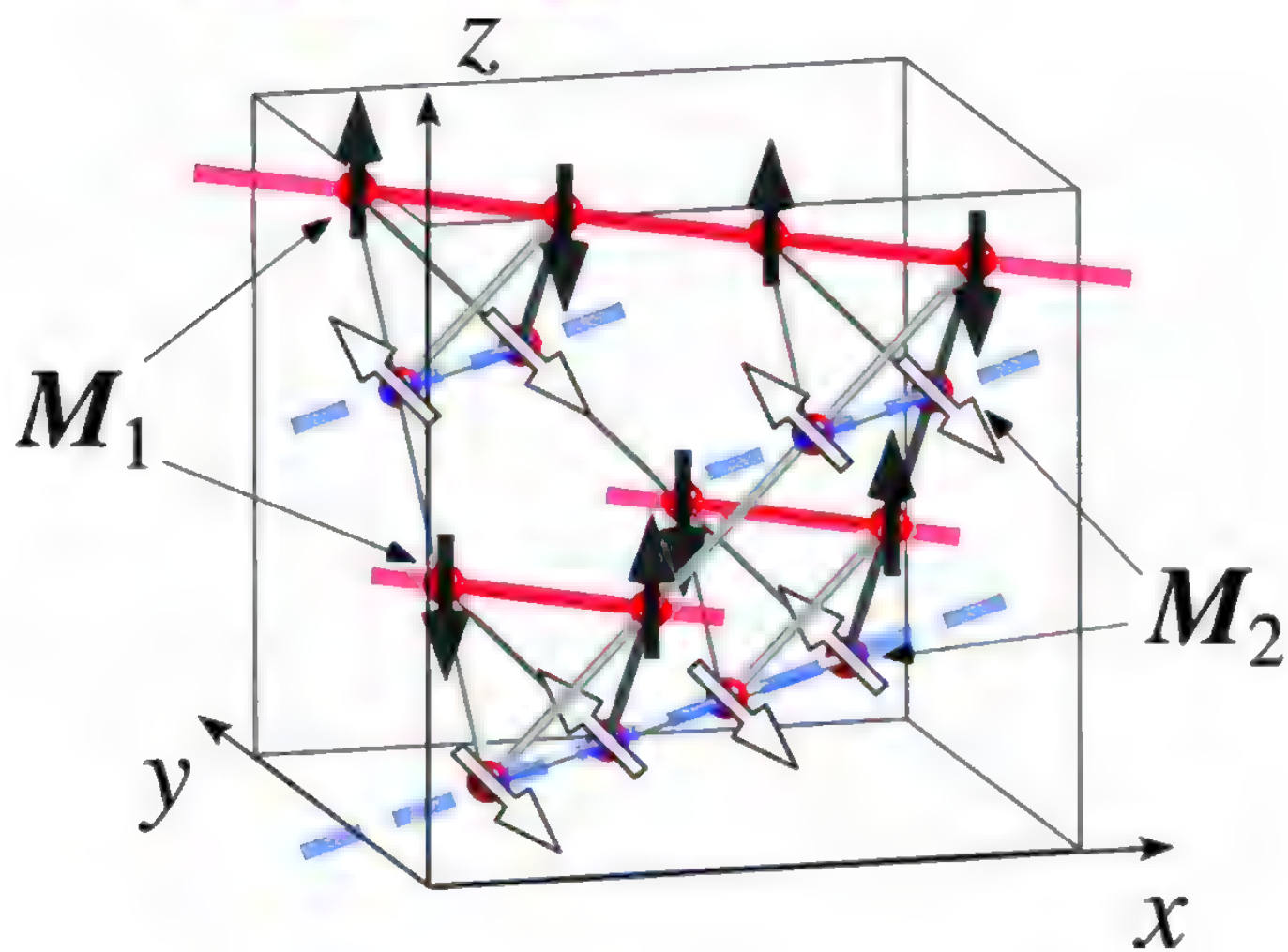
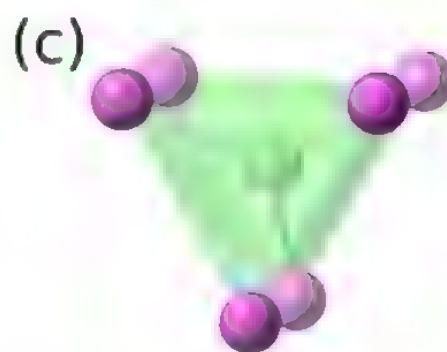
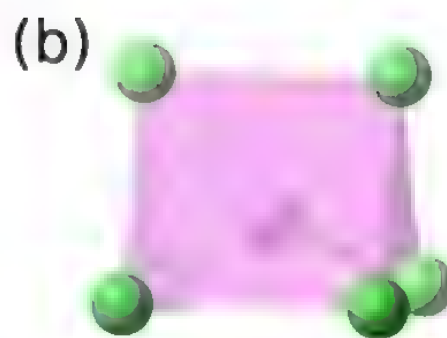
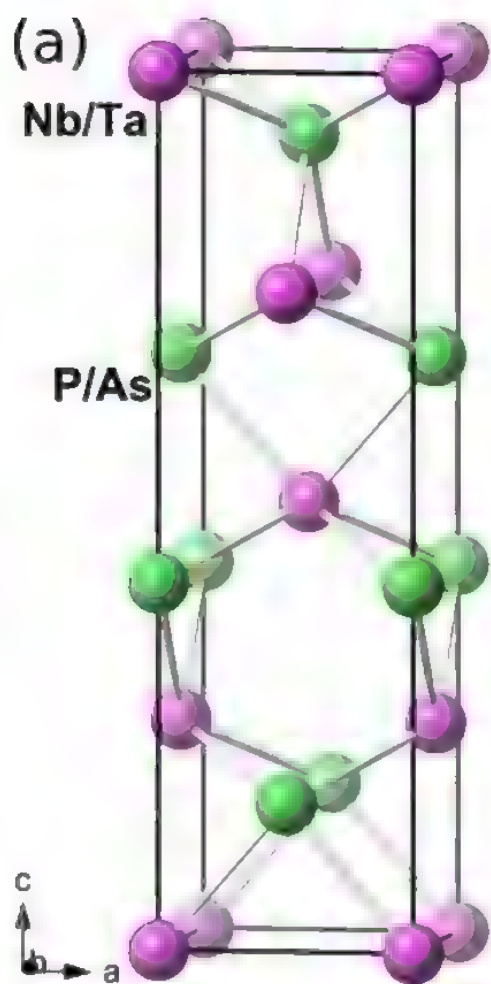


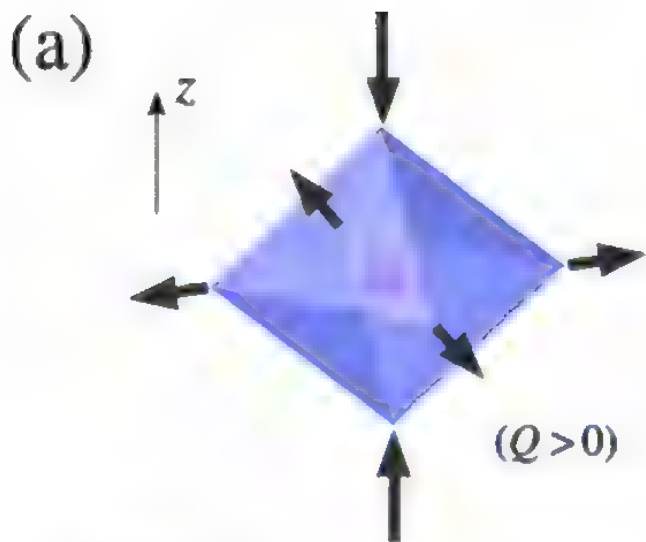


Mass (MeV)
1000

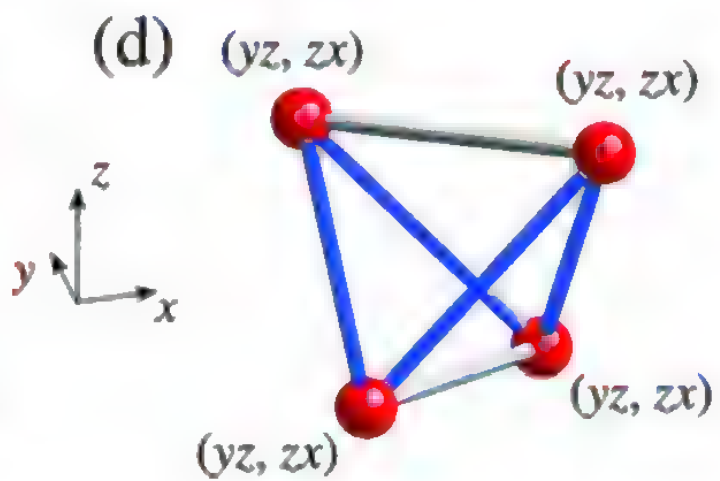
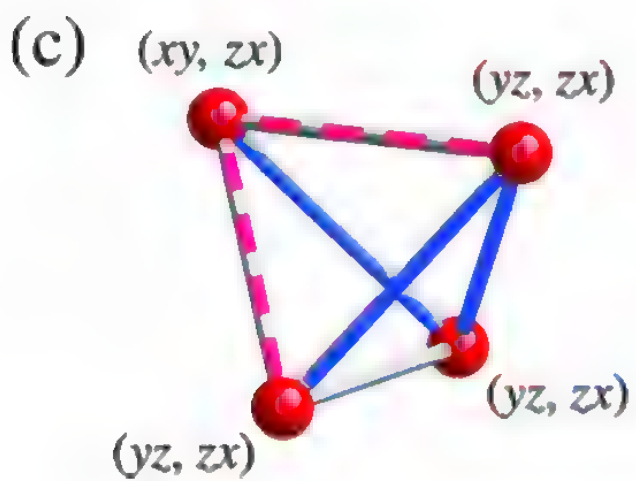
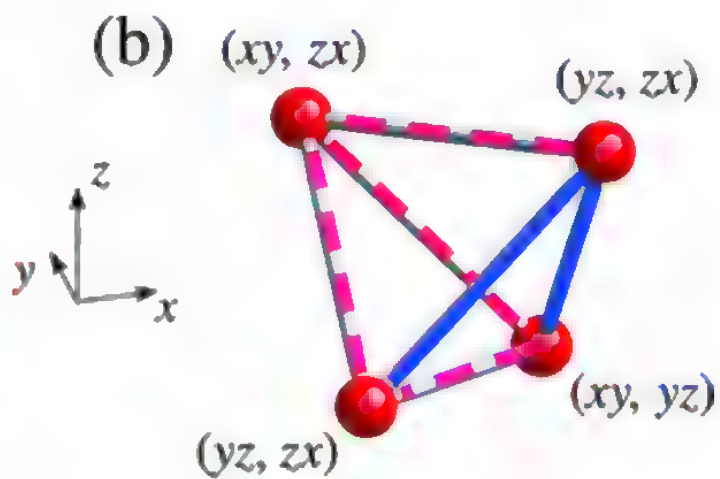
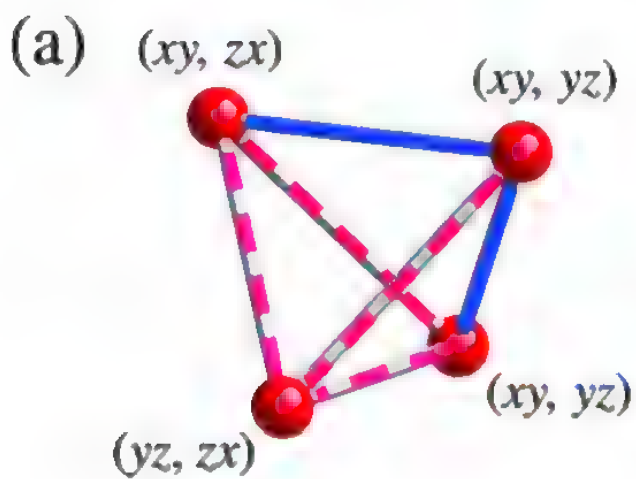
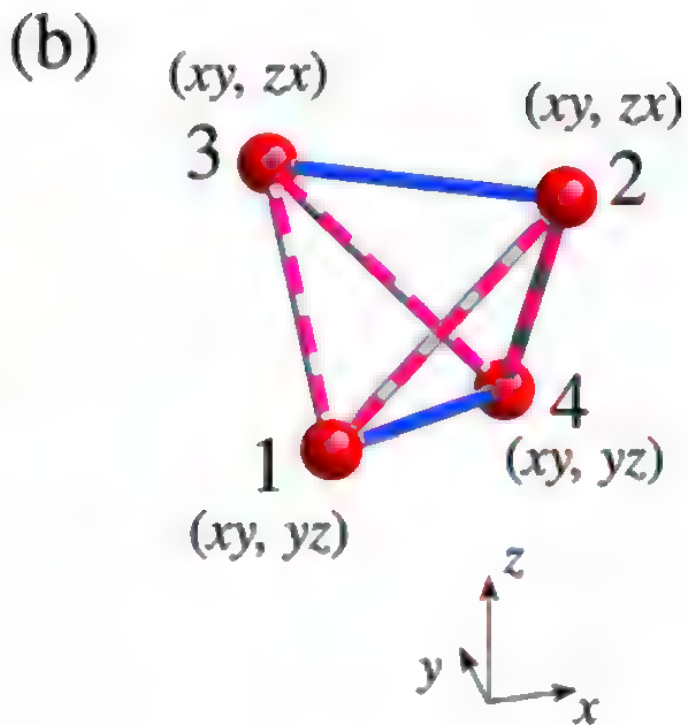


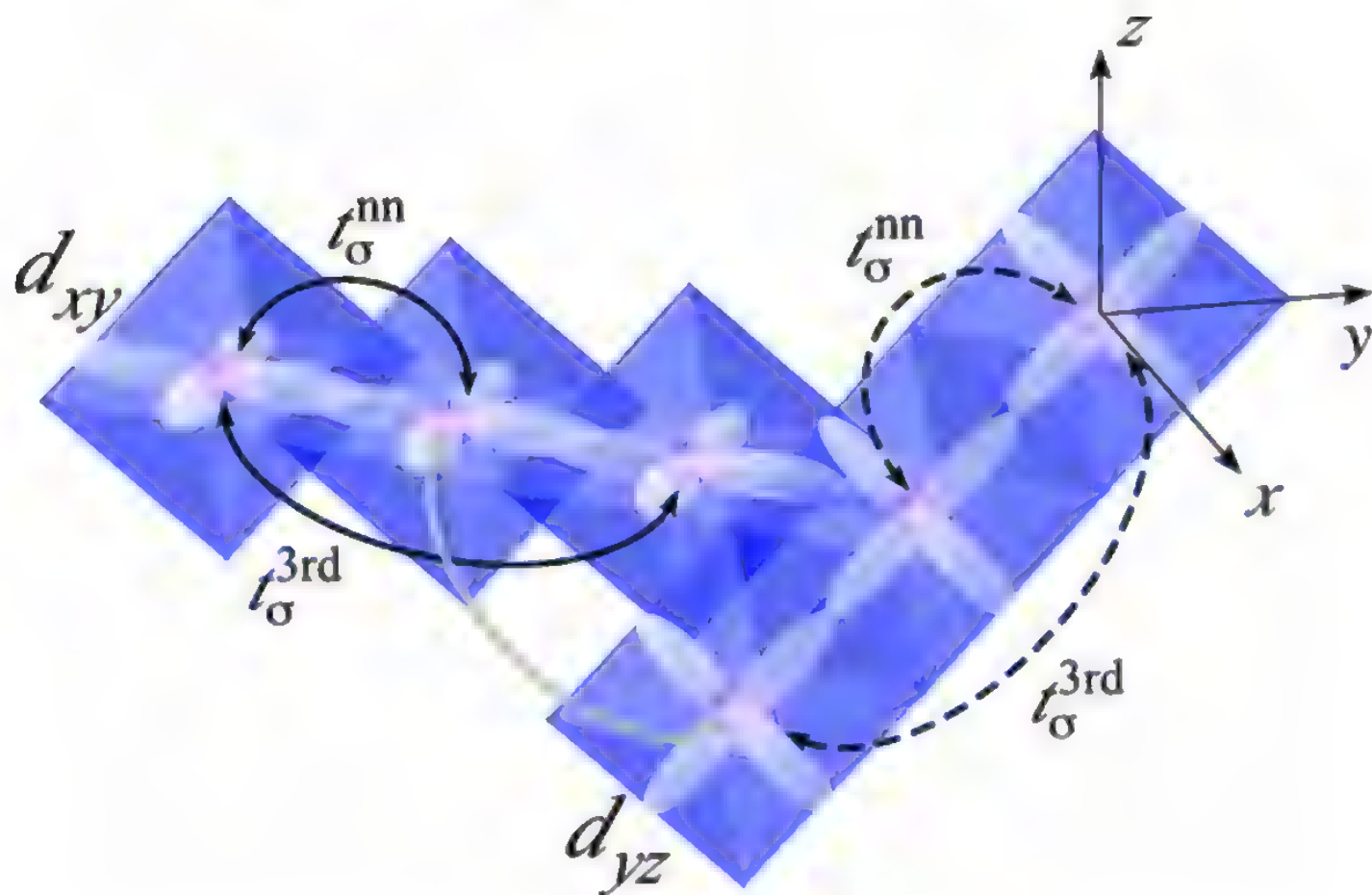
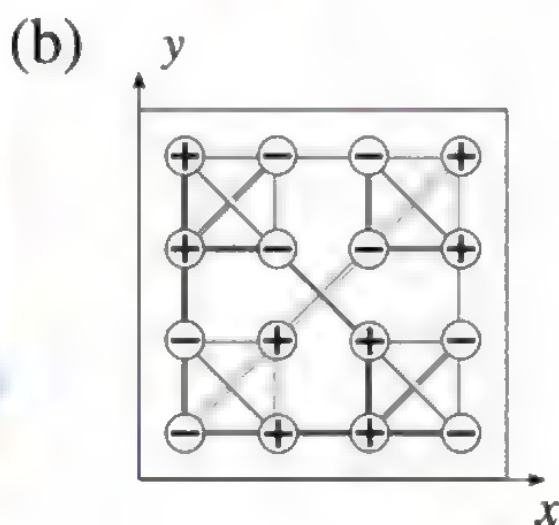
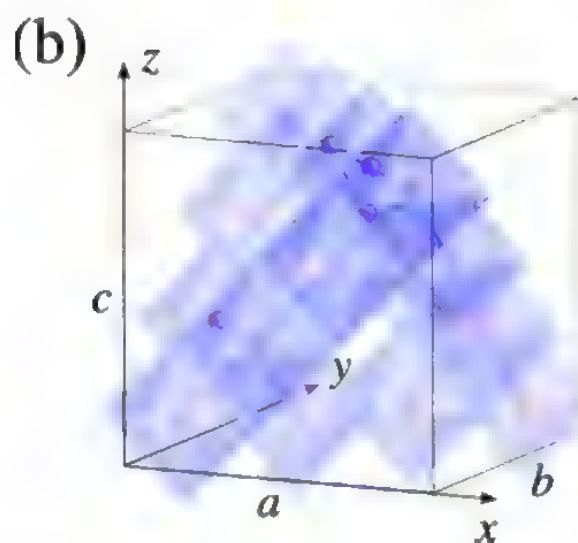
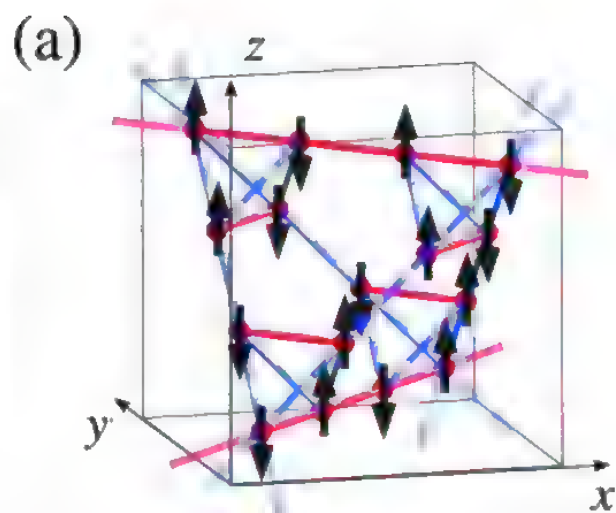
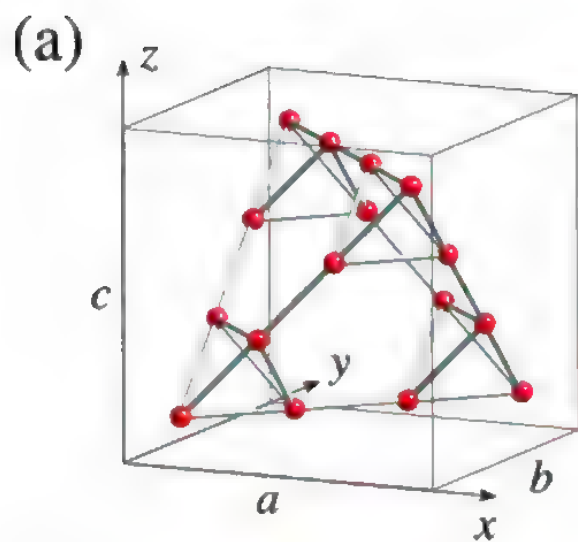


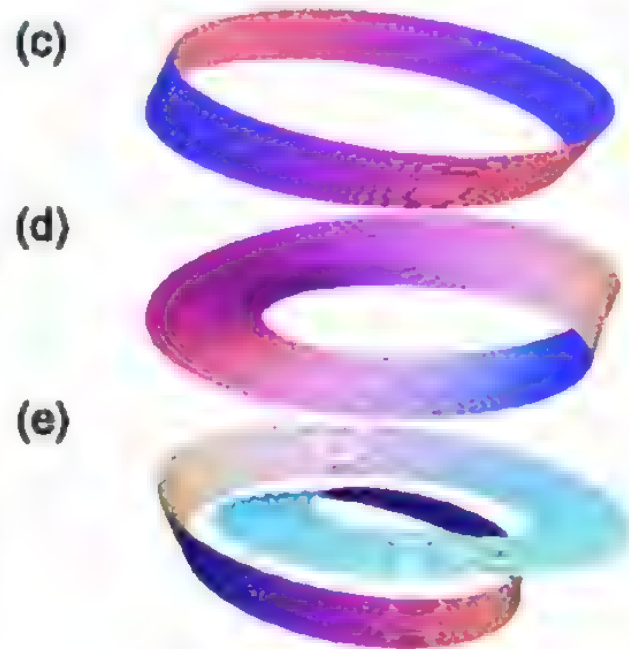
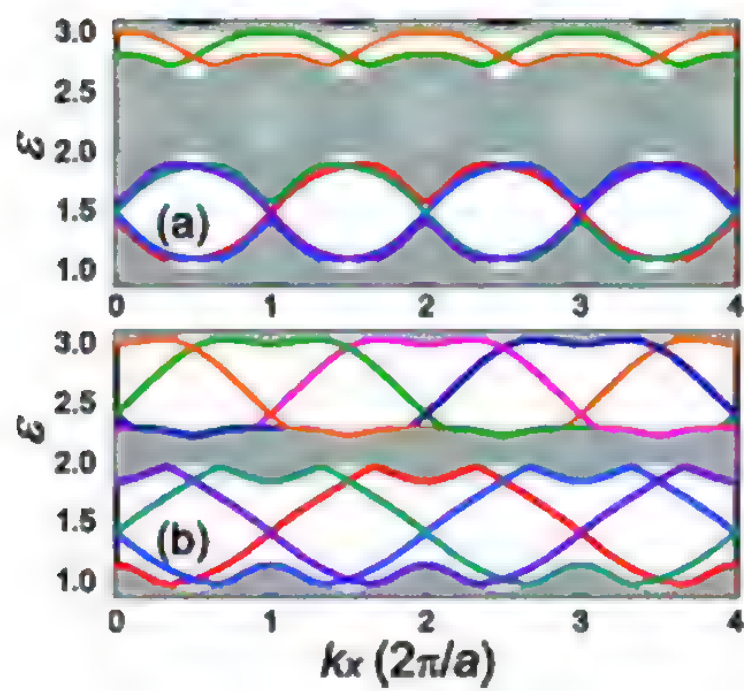
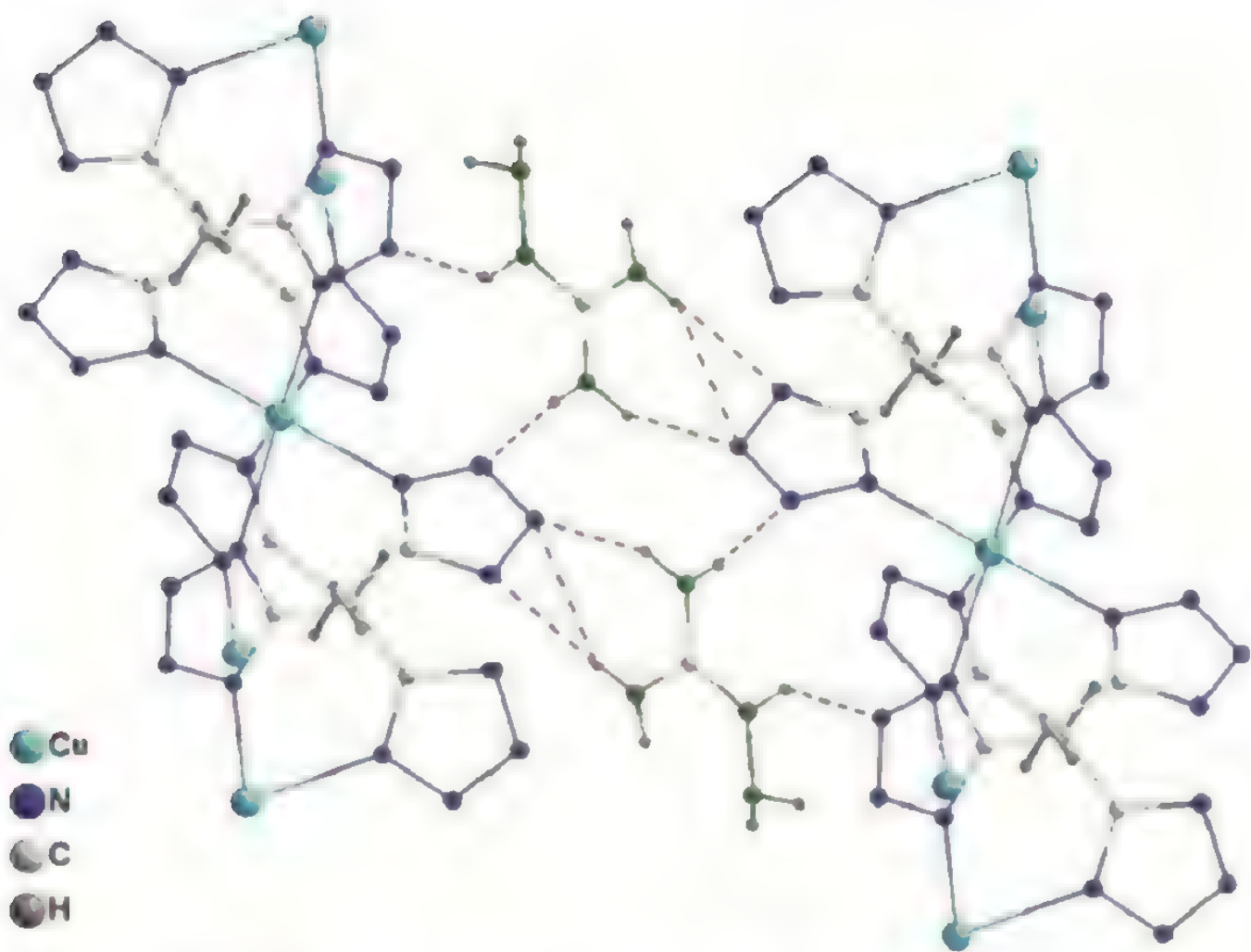


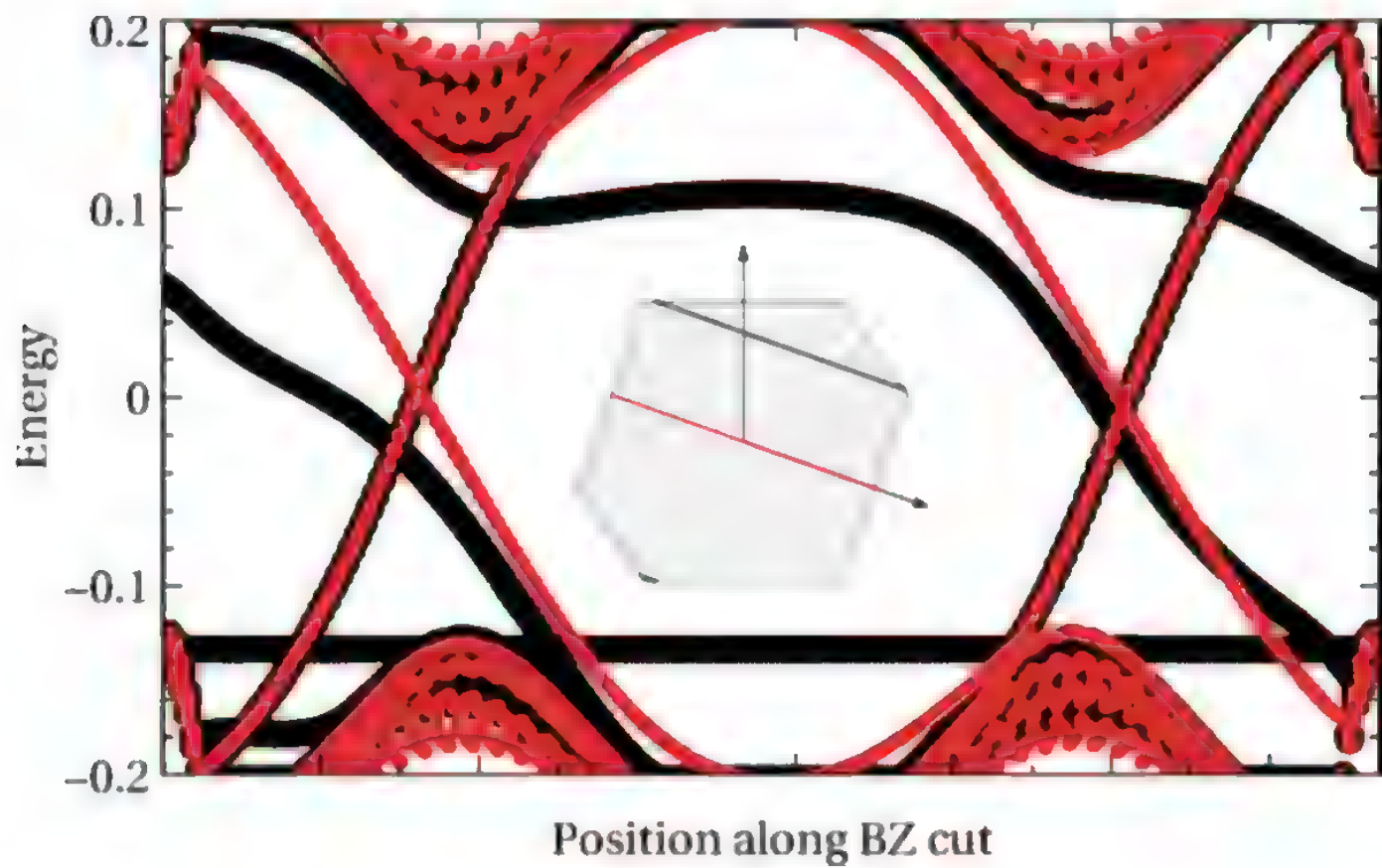
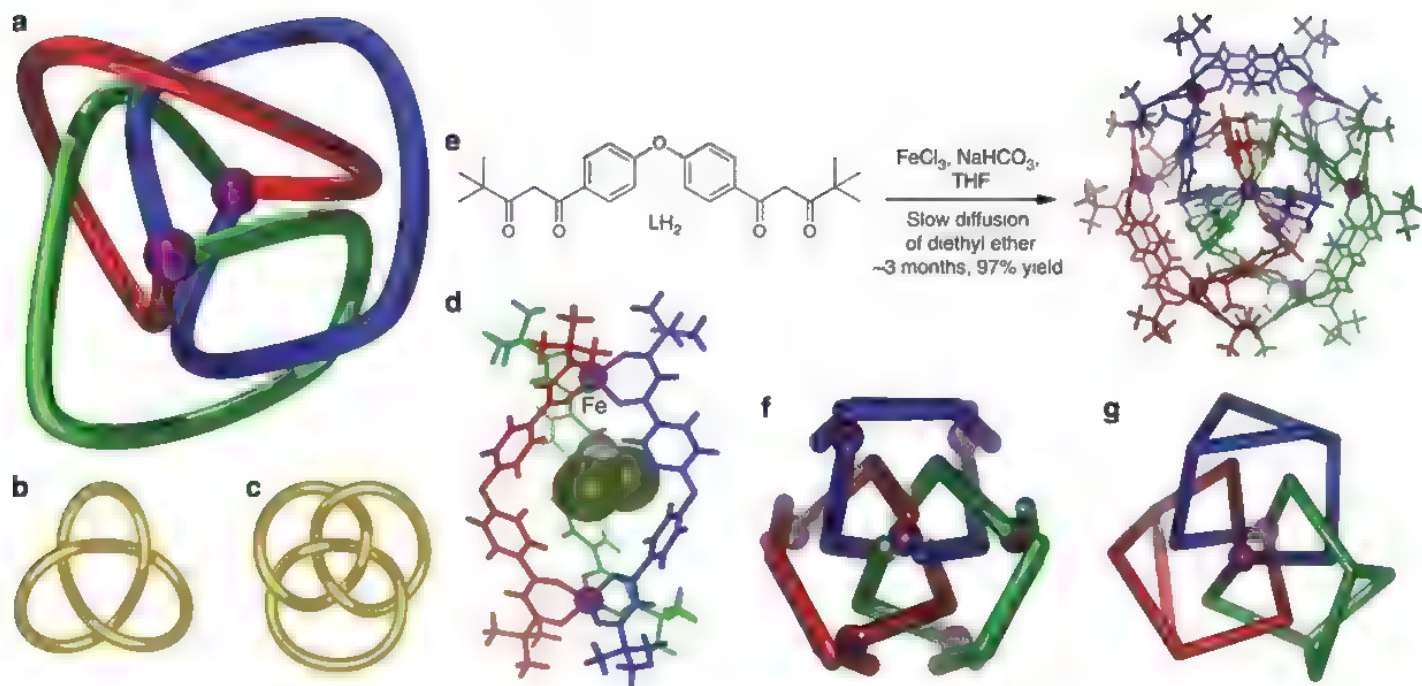


energy ↑
 == yz, zx
 — xy

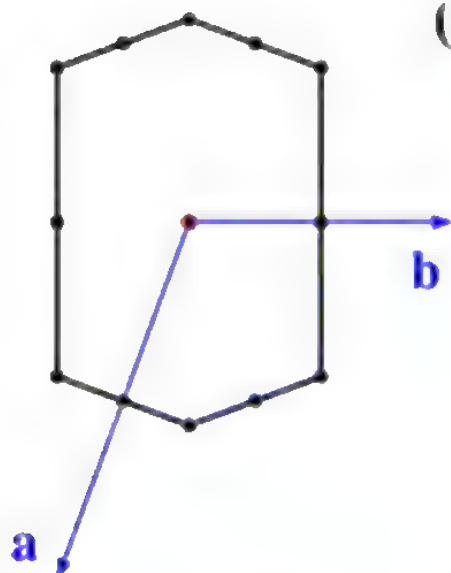




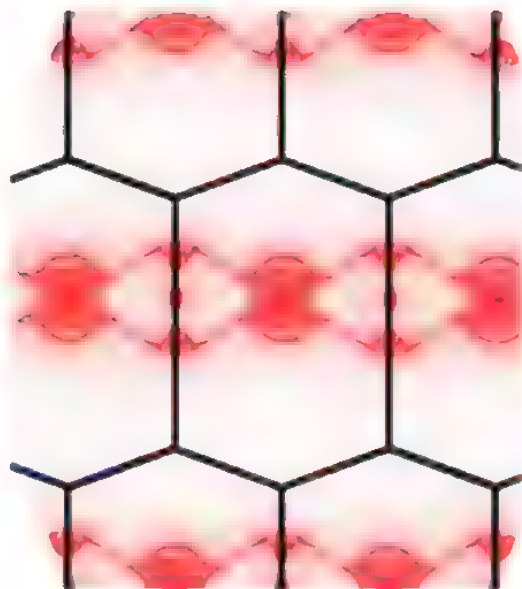




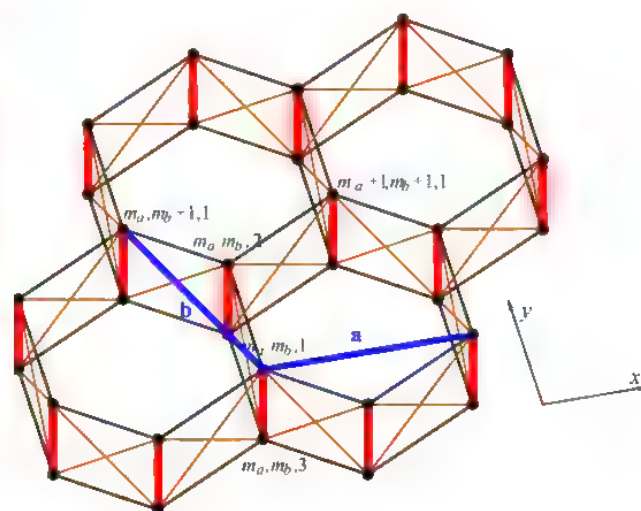
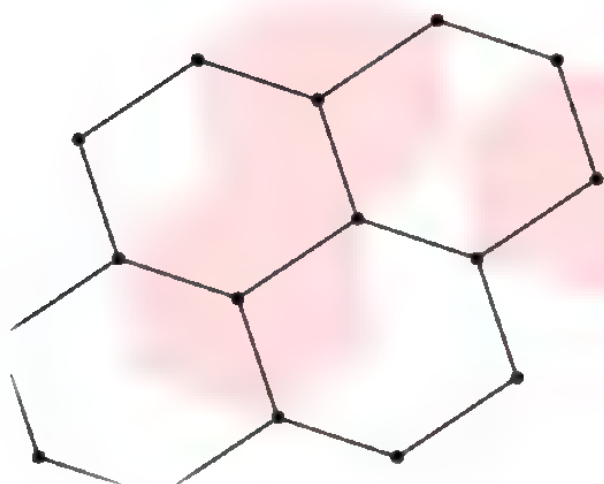
a)

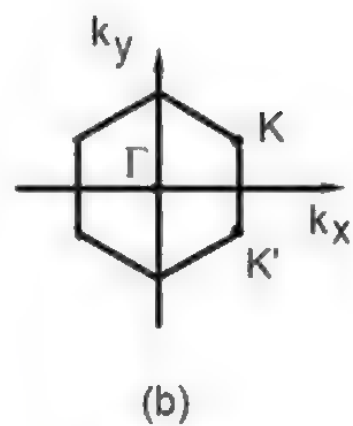
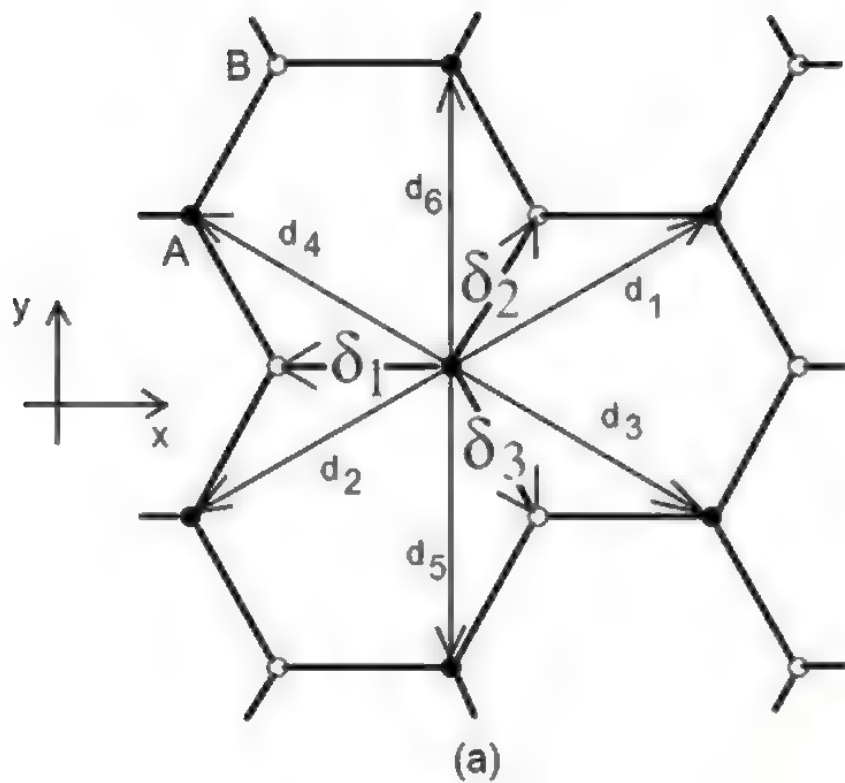


(b)

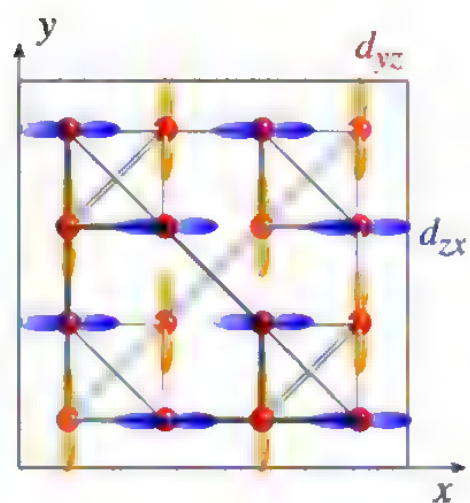
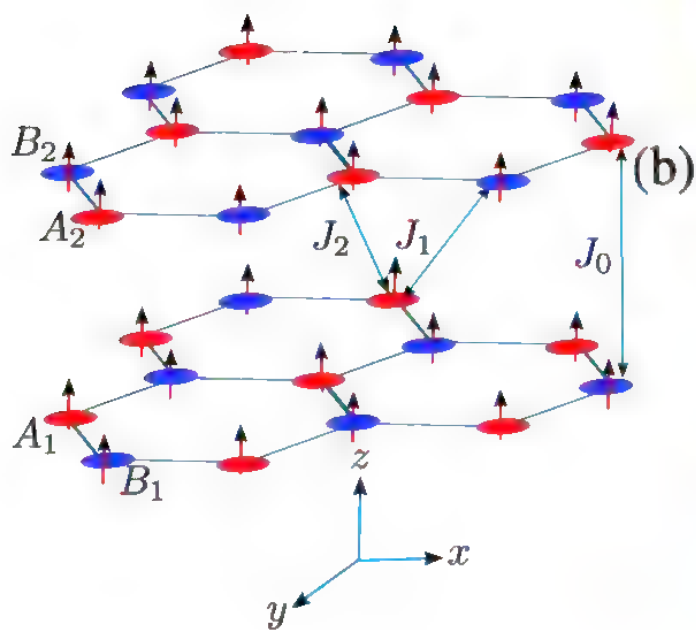
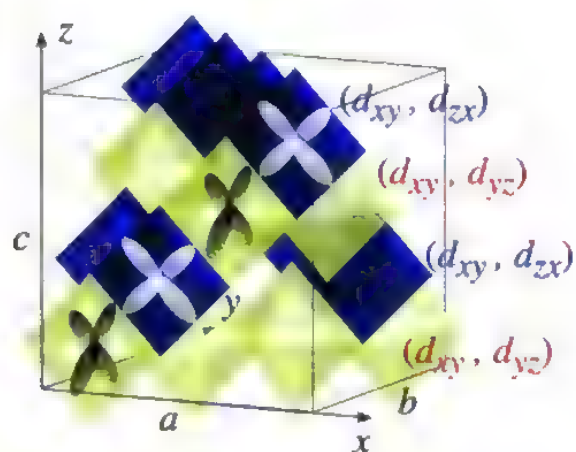


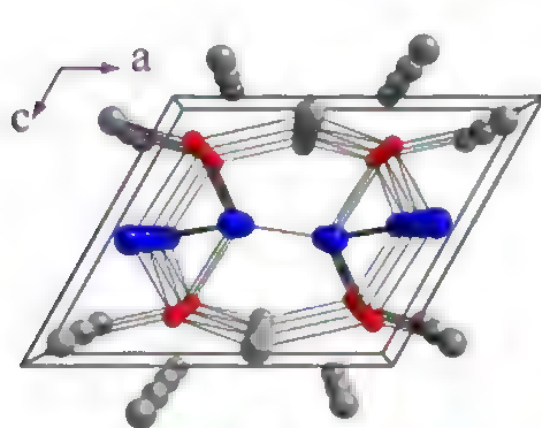
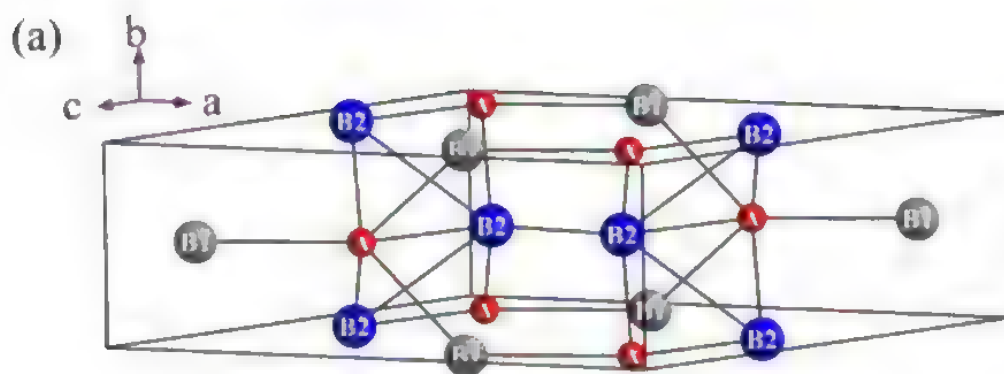
c)



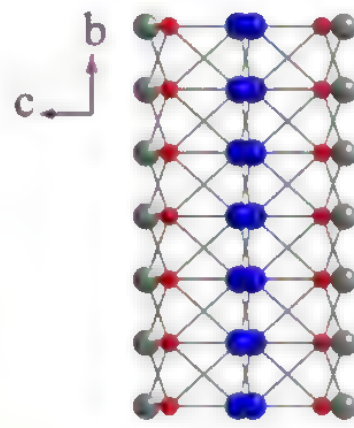


(a)

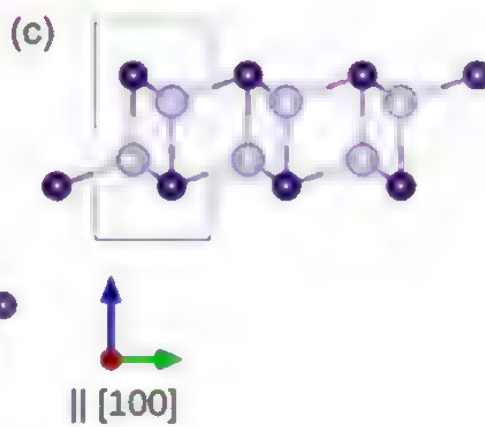
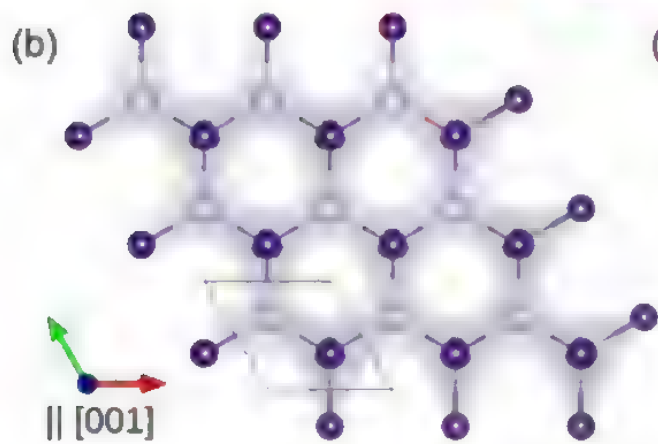
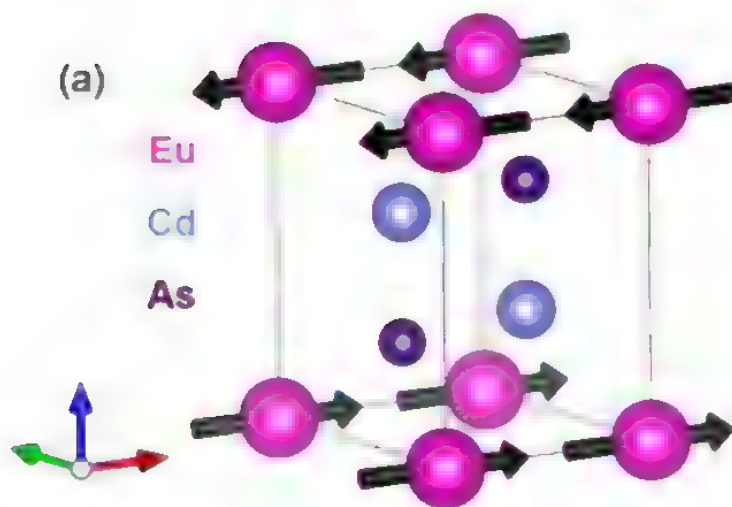


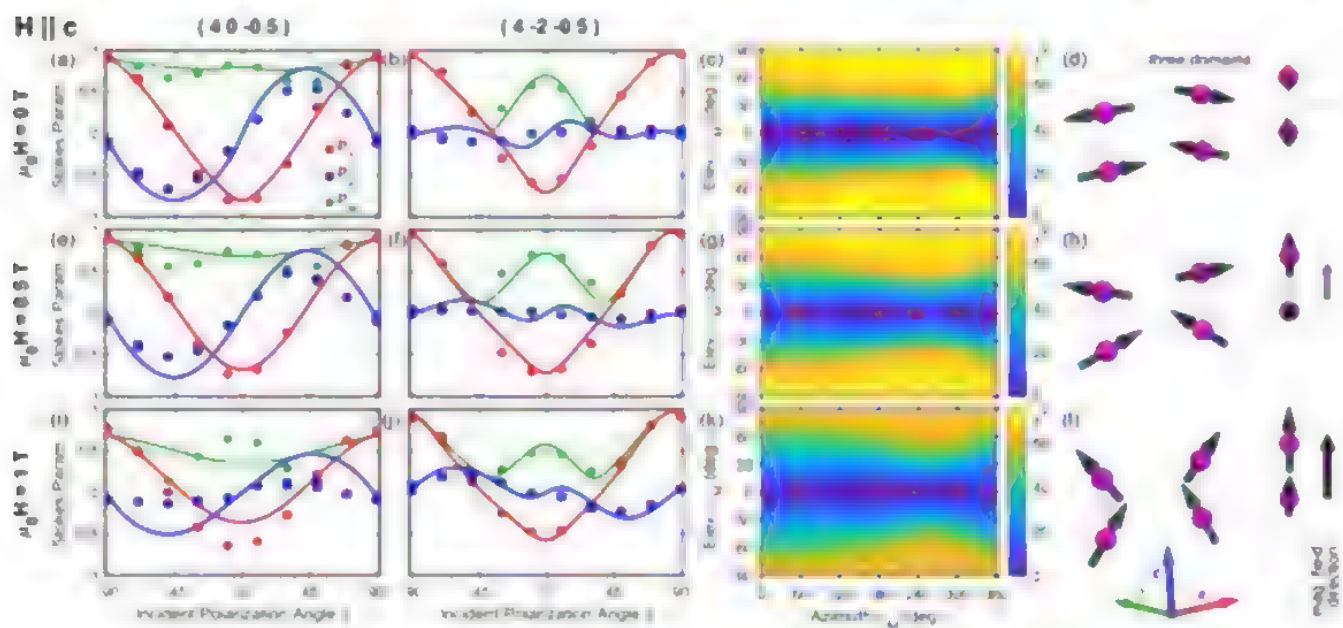
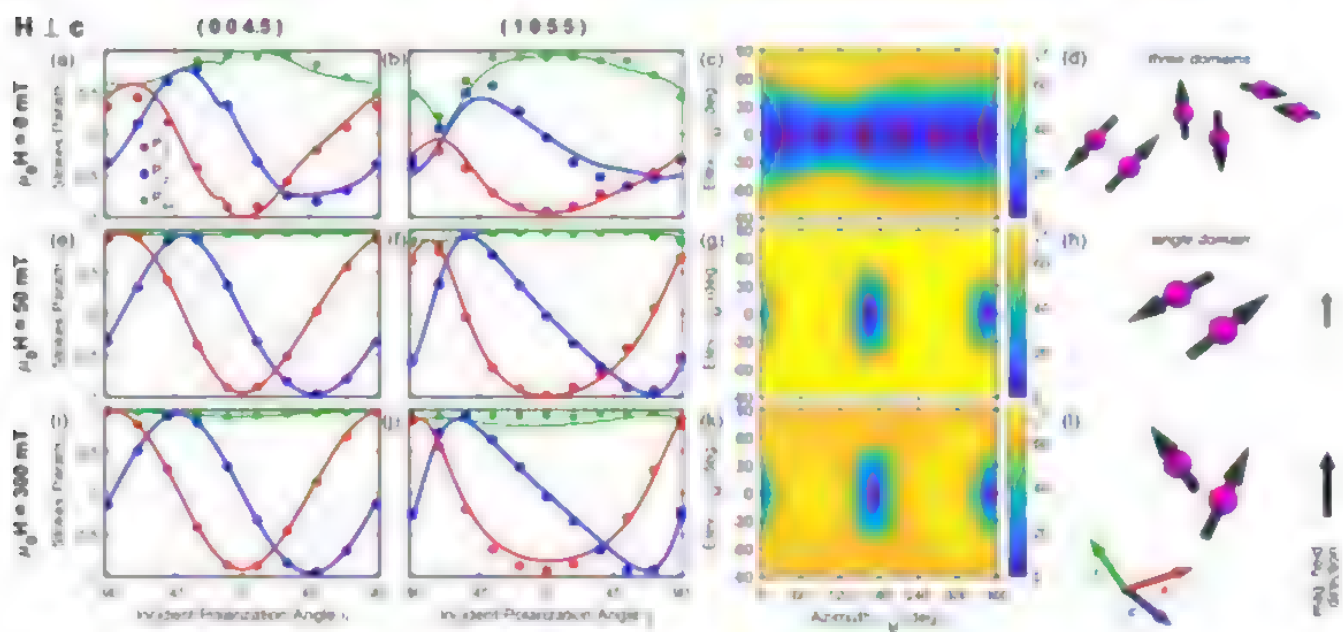
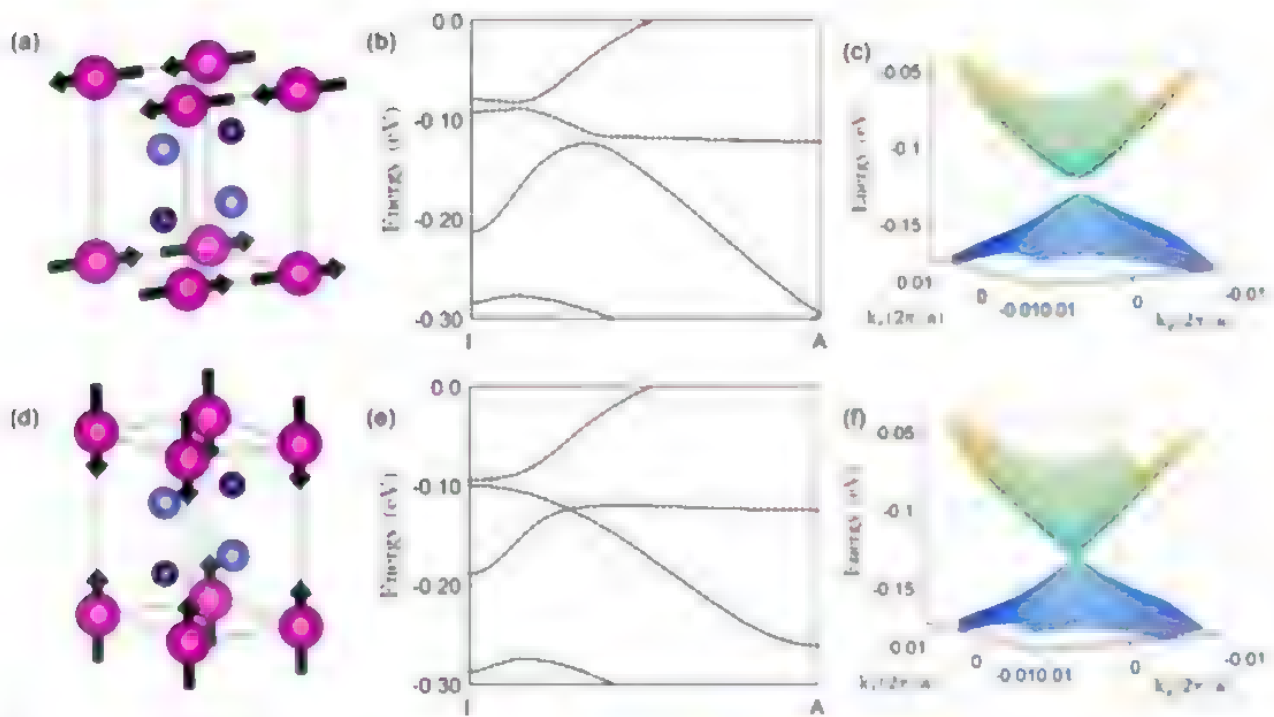


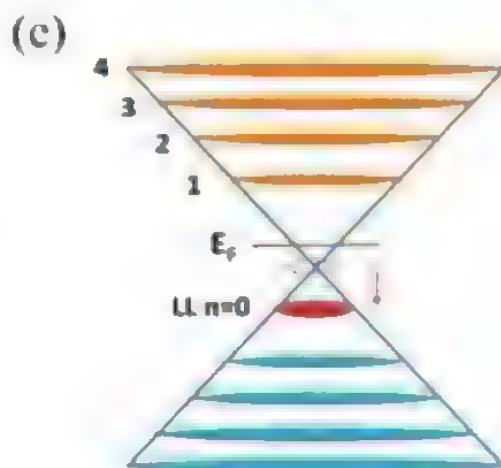
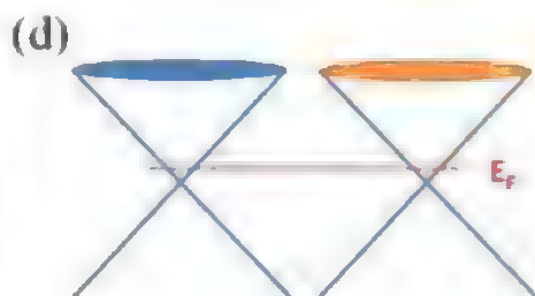
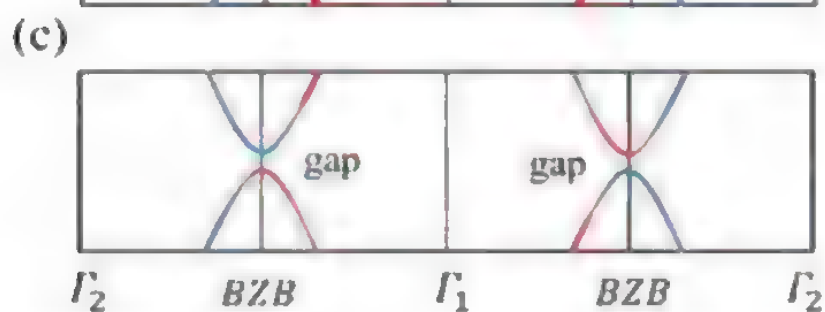
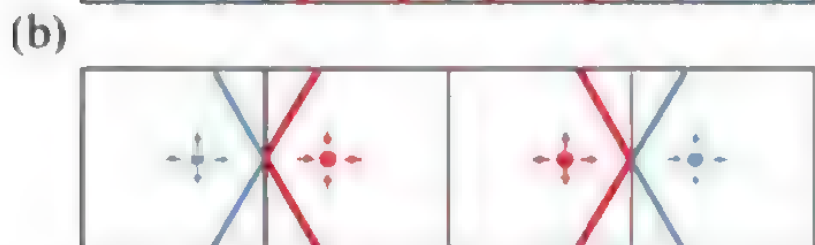
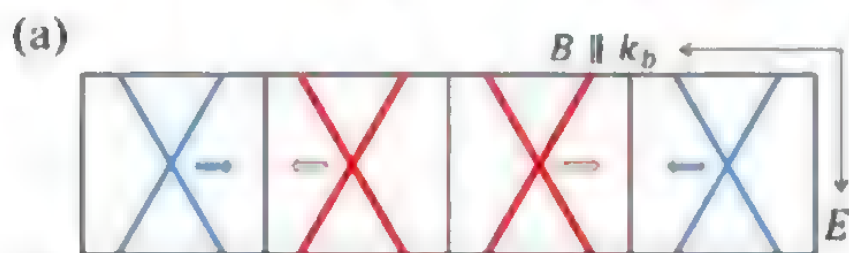
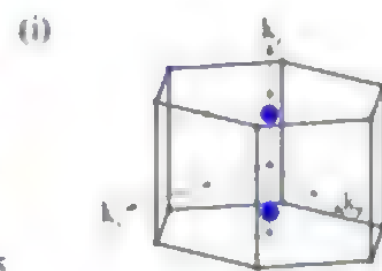
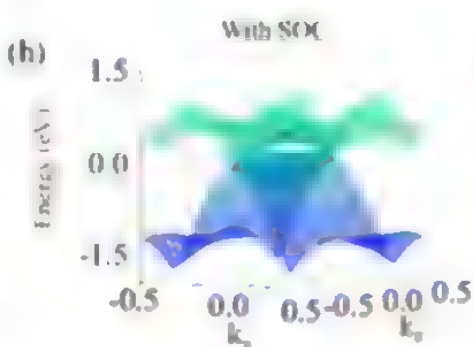
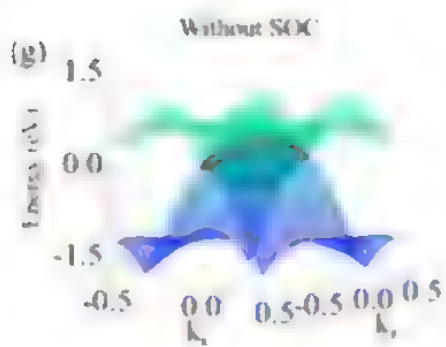
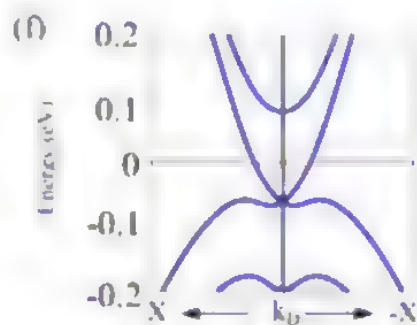
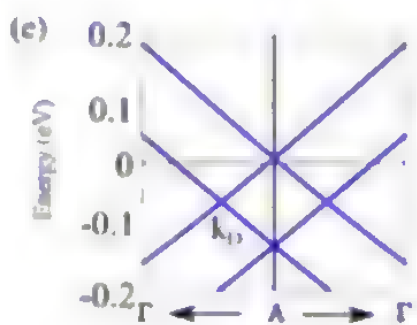
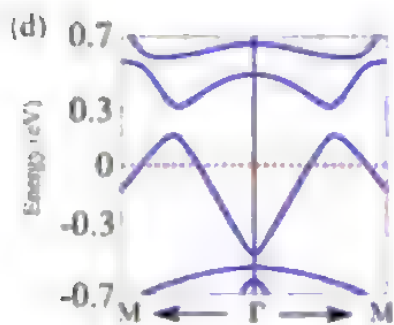
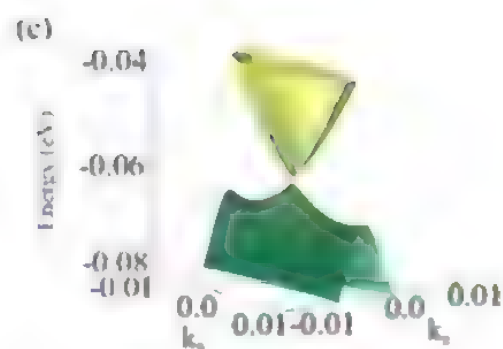
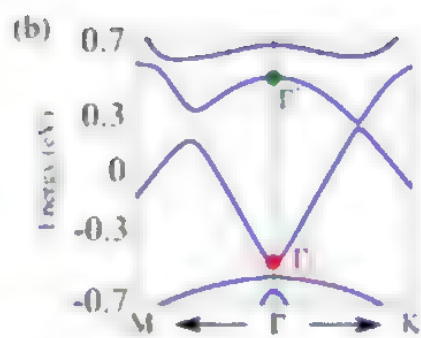
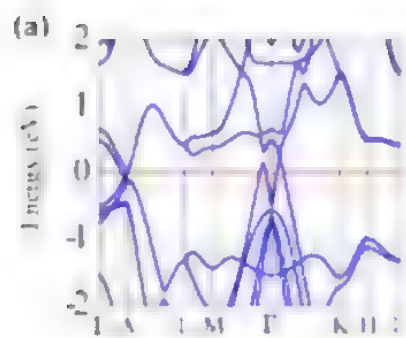
(b)

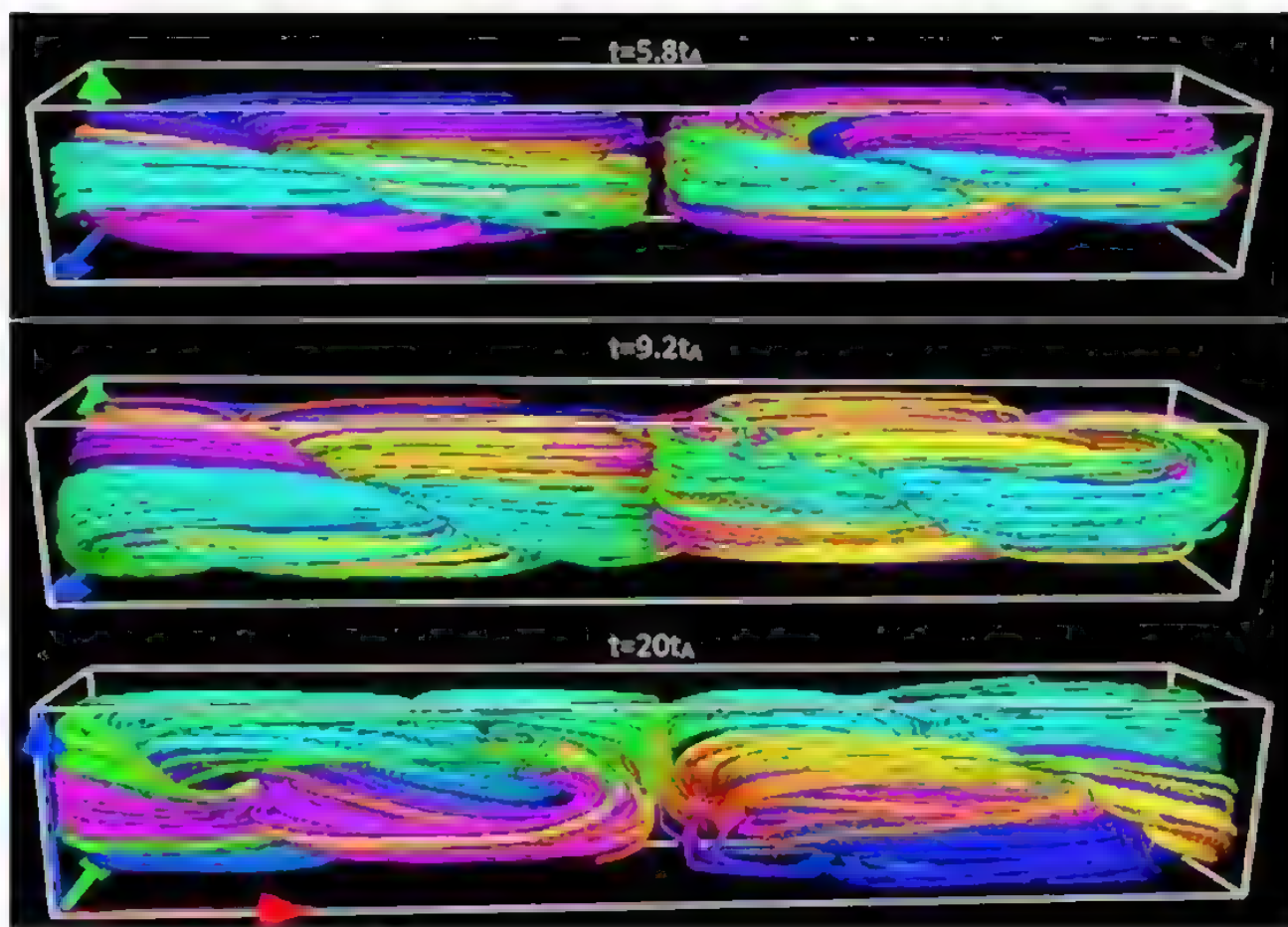
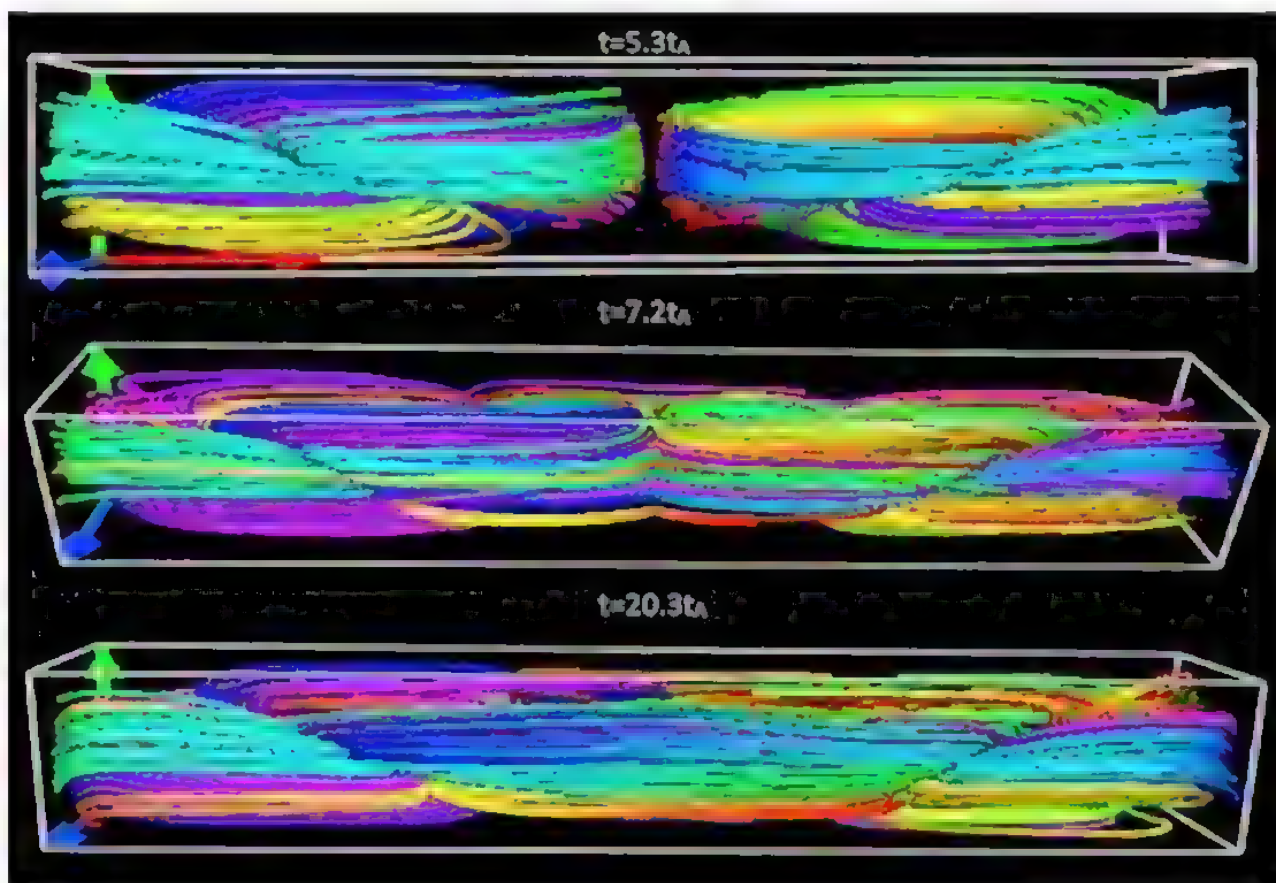


(c)

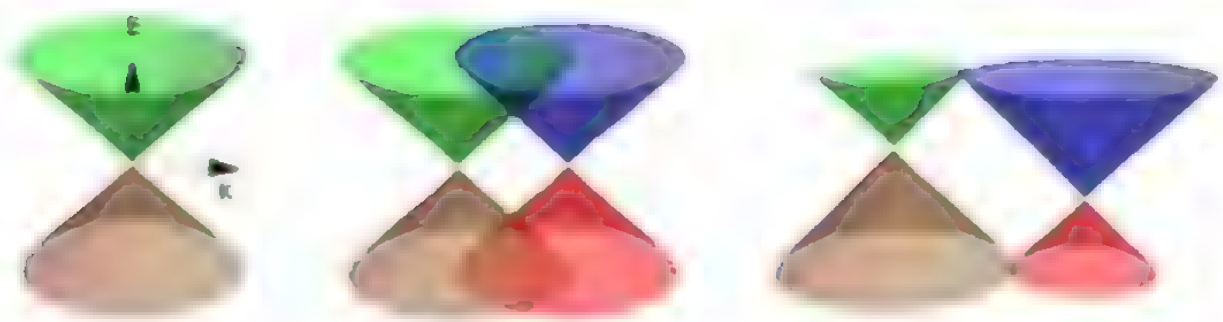




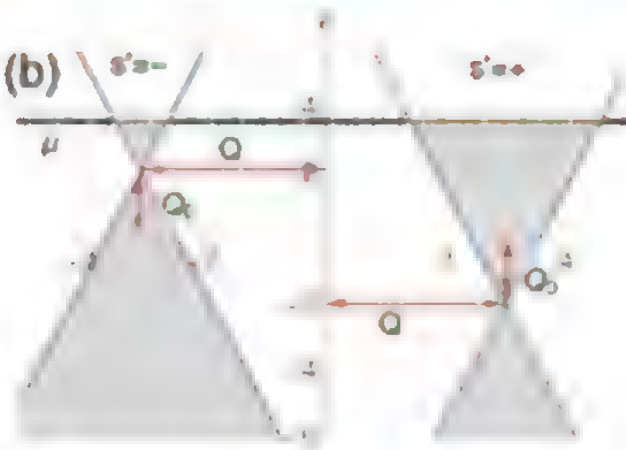




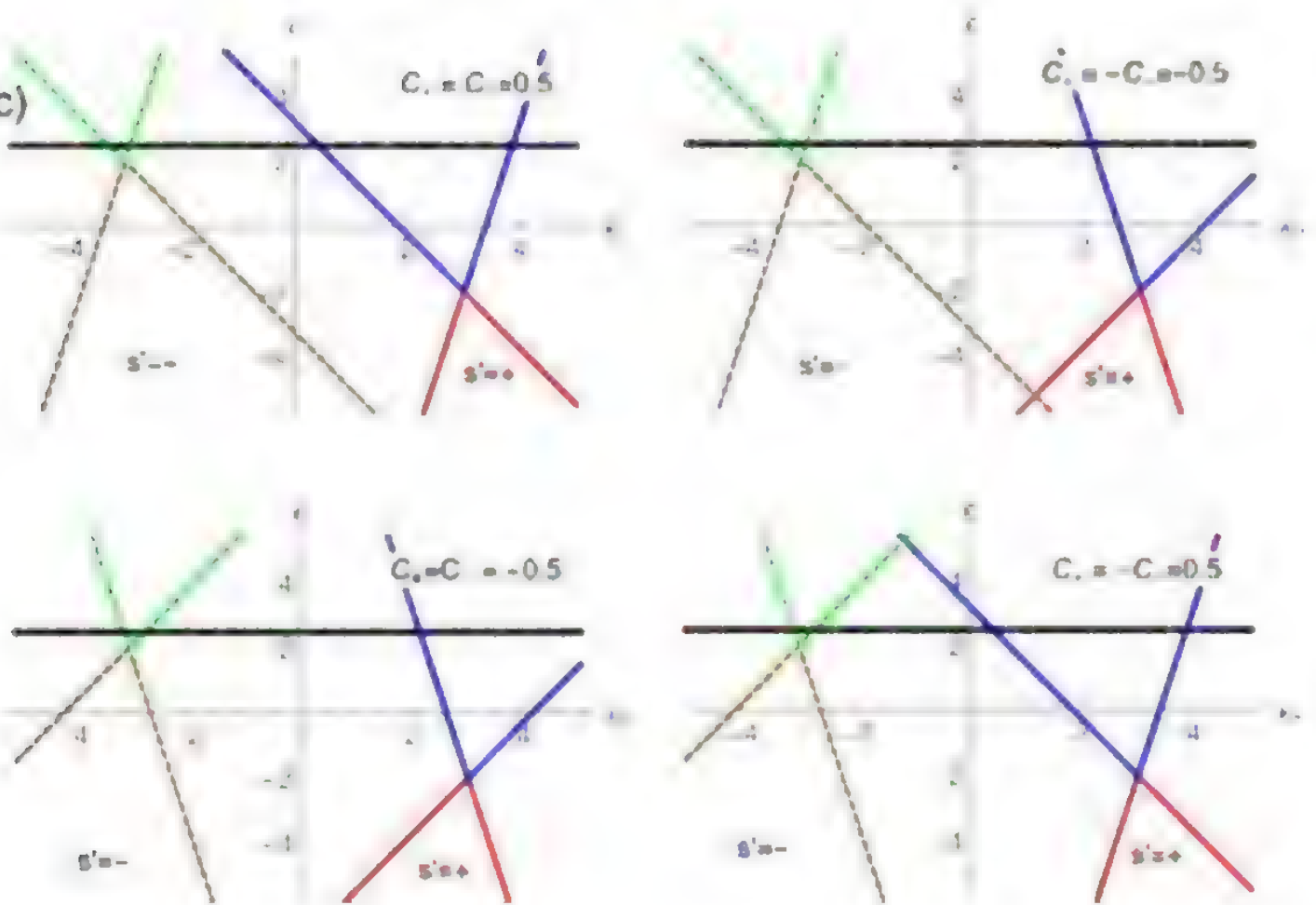
(a)

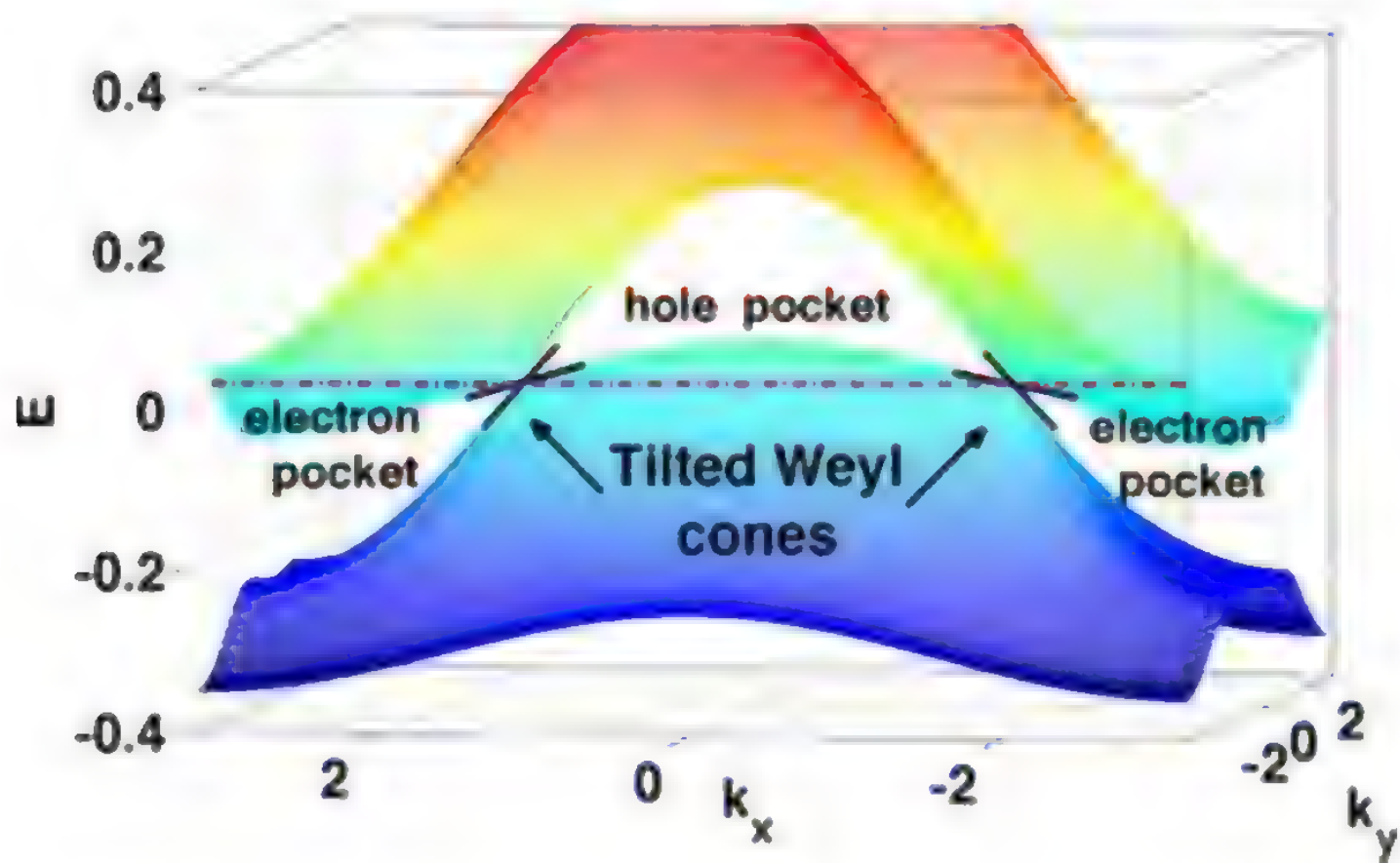
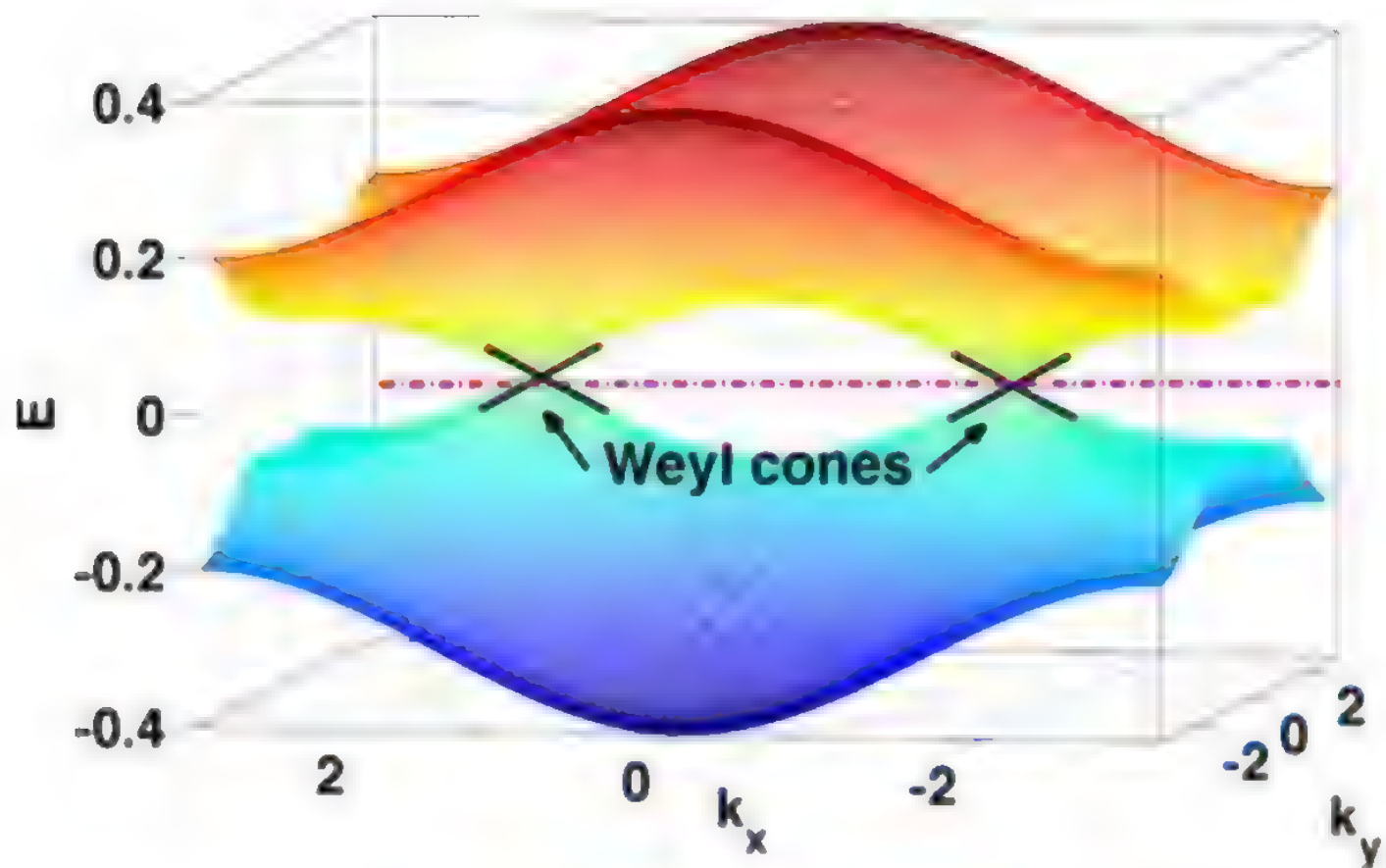


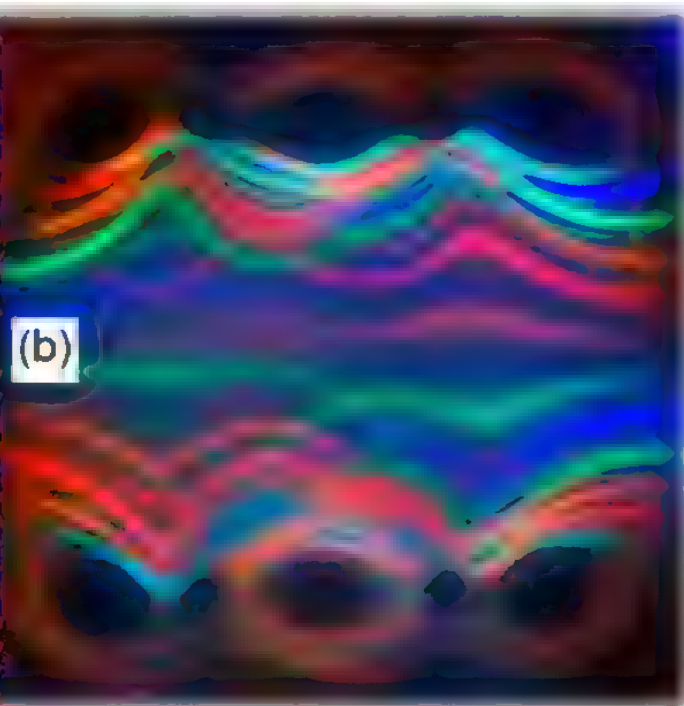
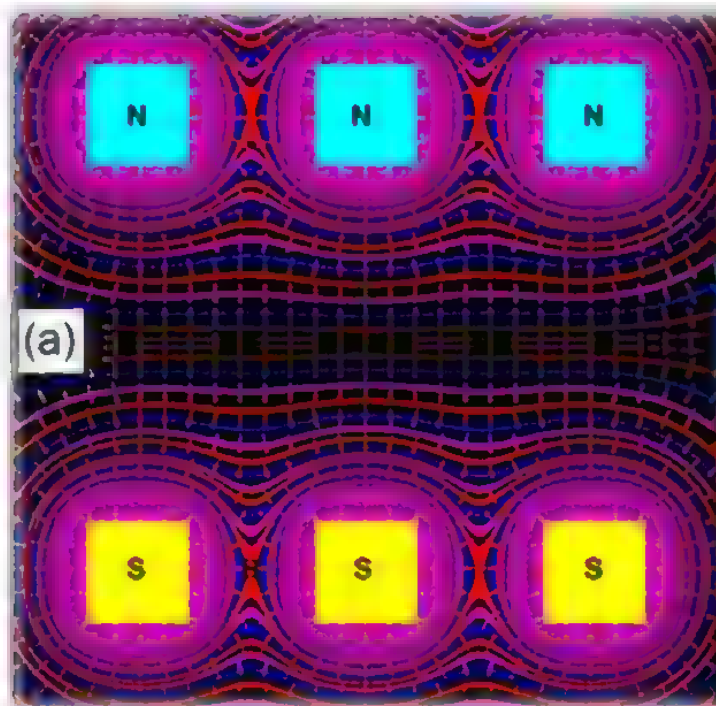
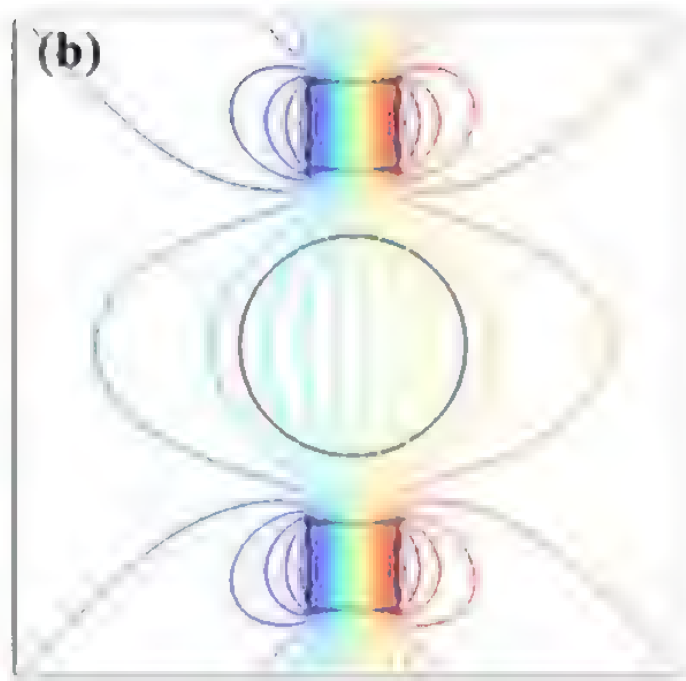
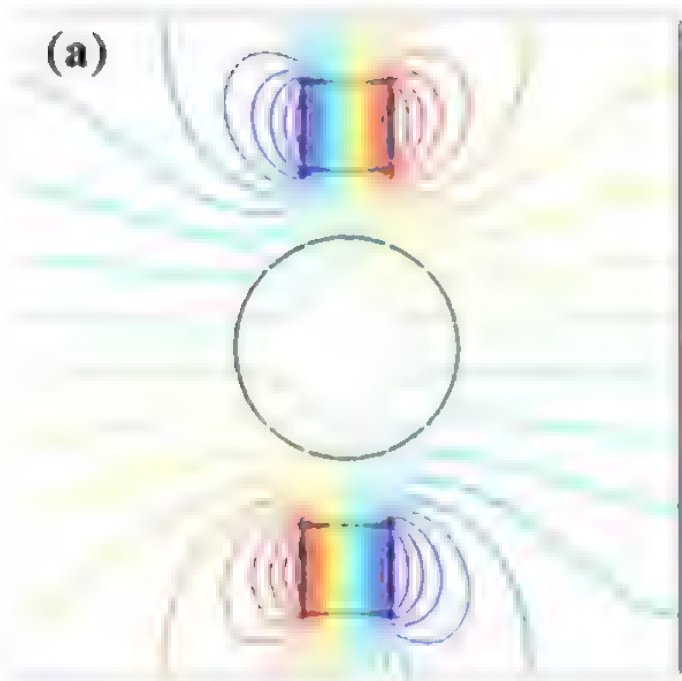
(b)

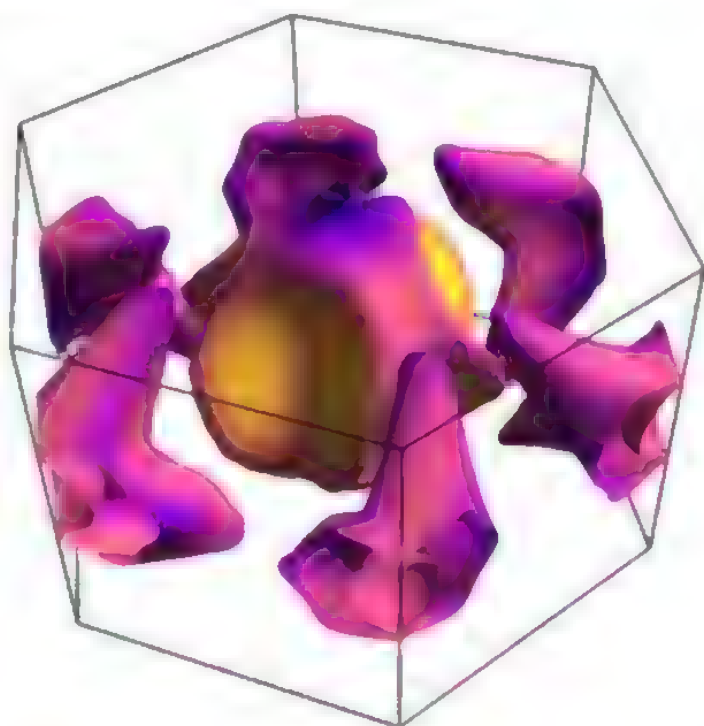
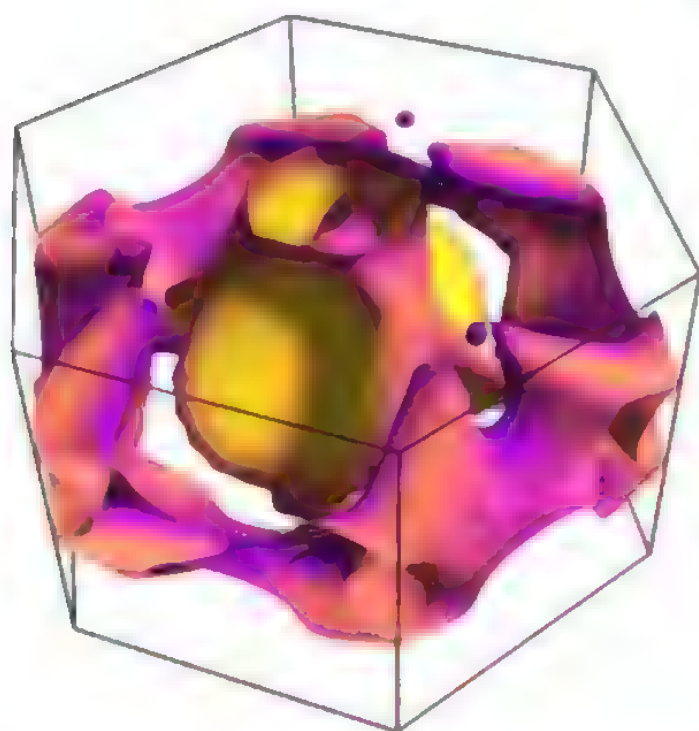
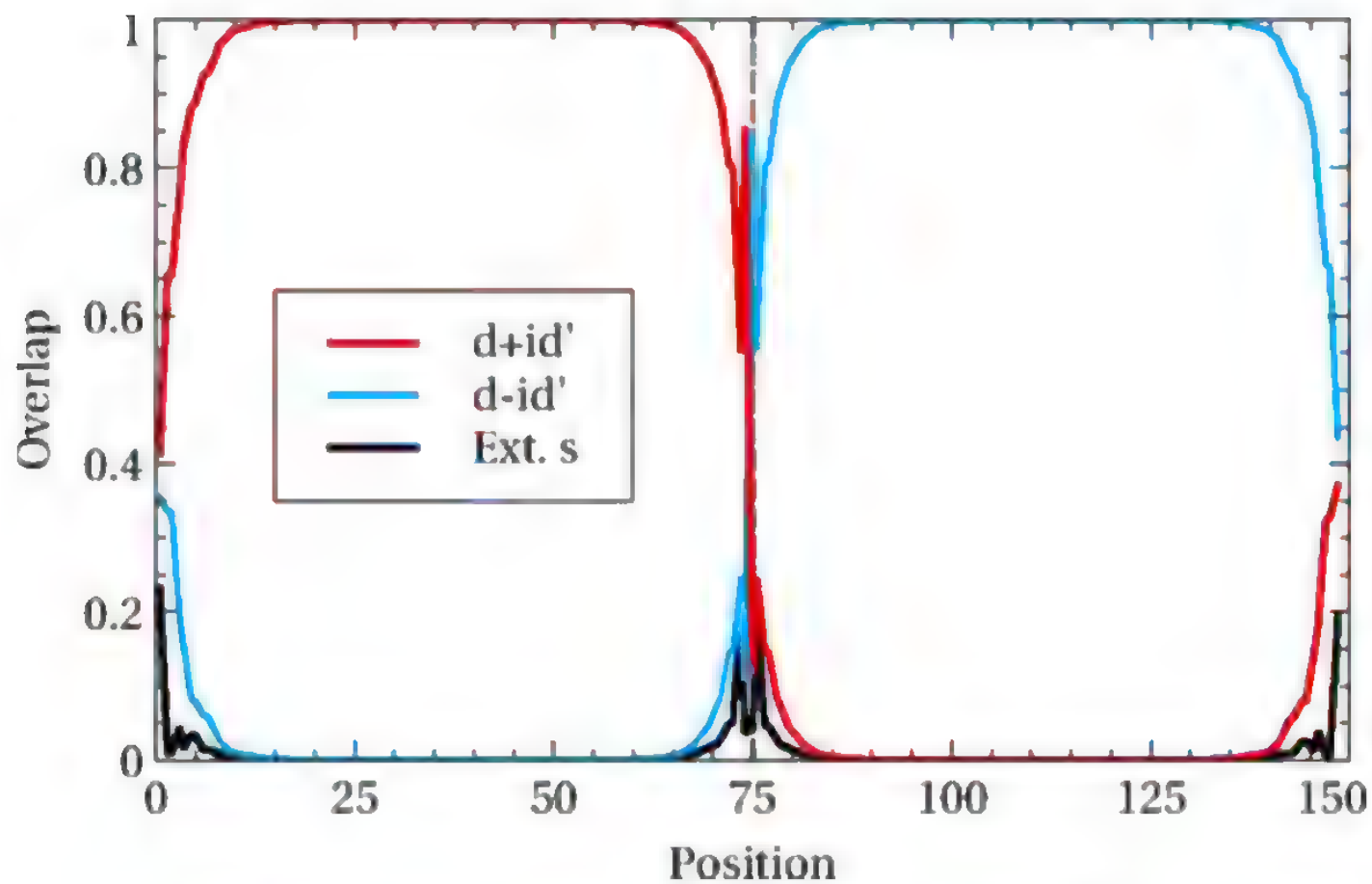


(c)



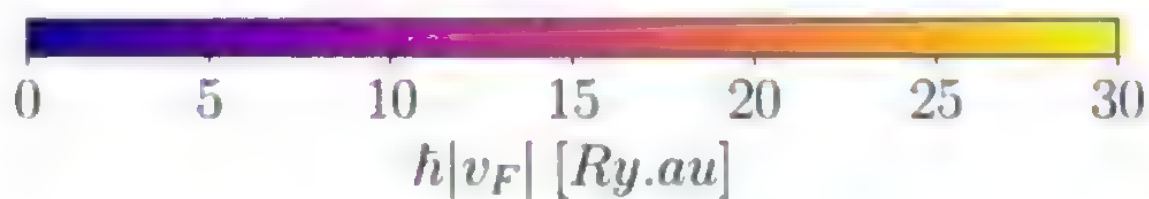


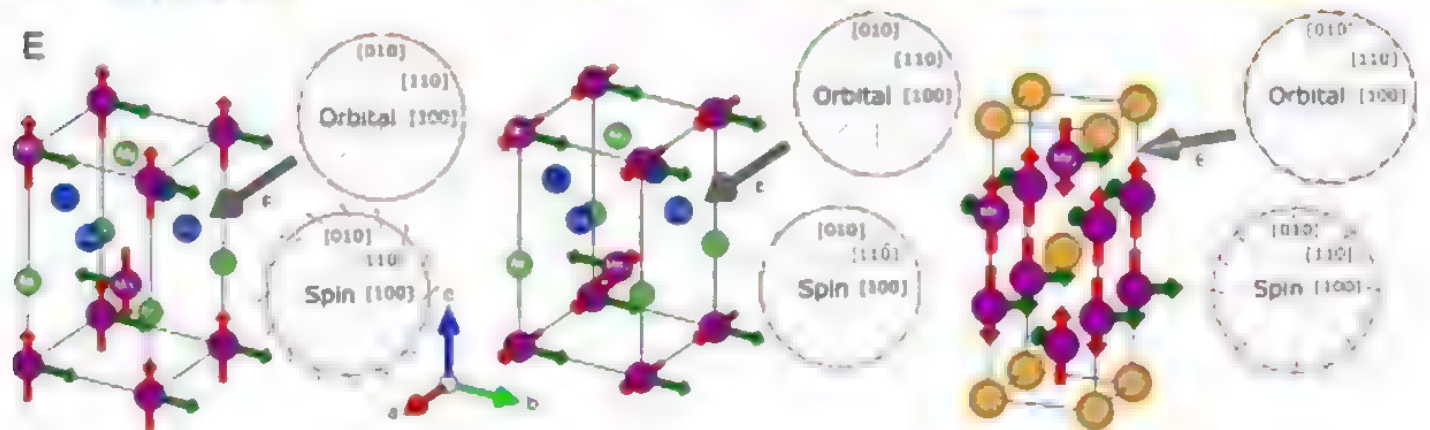
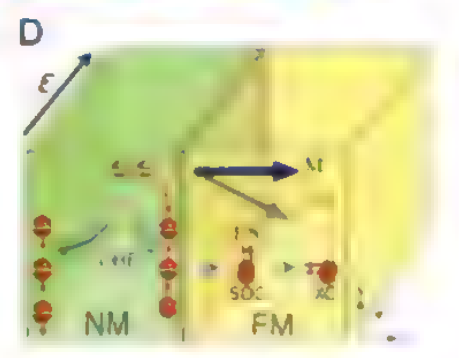
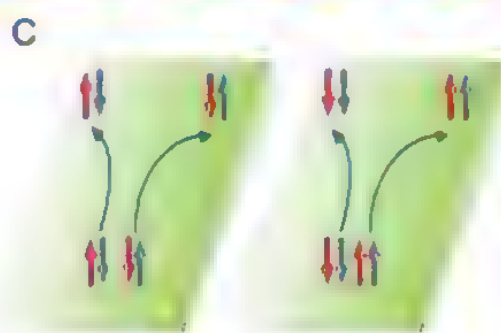
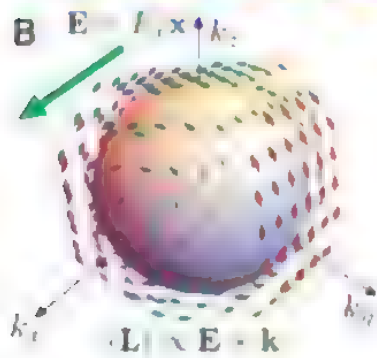
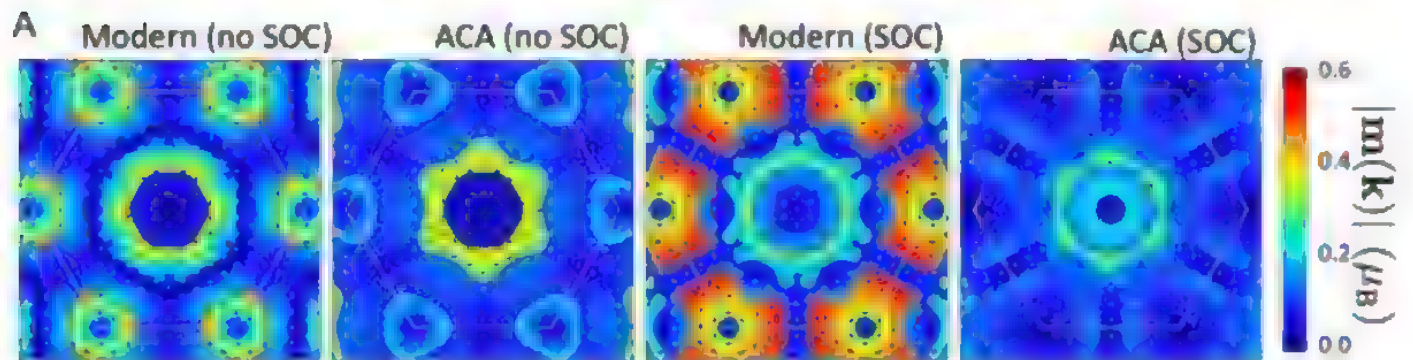
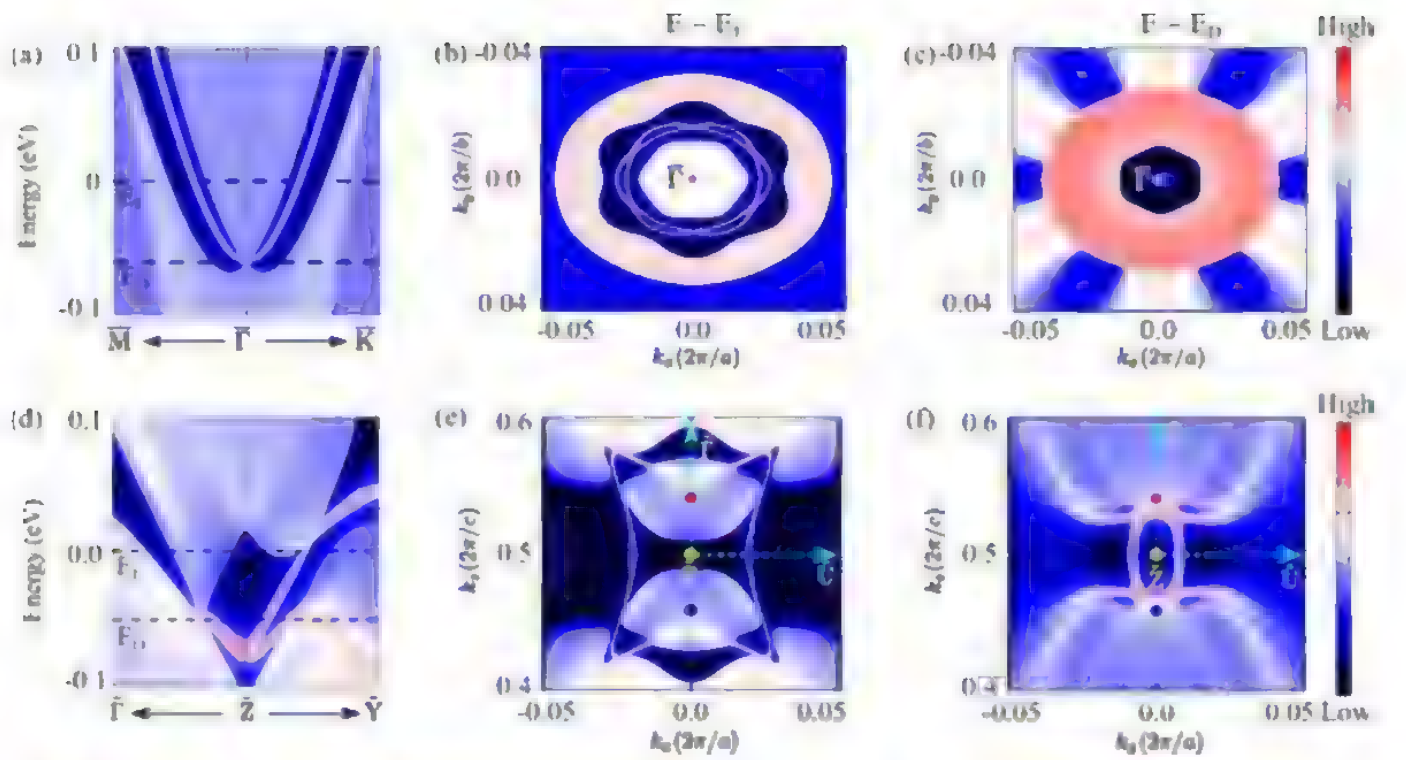


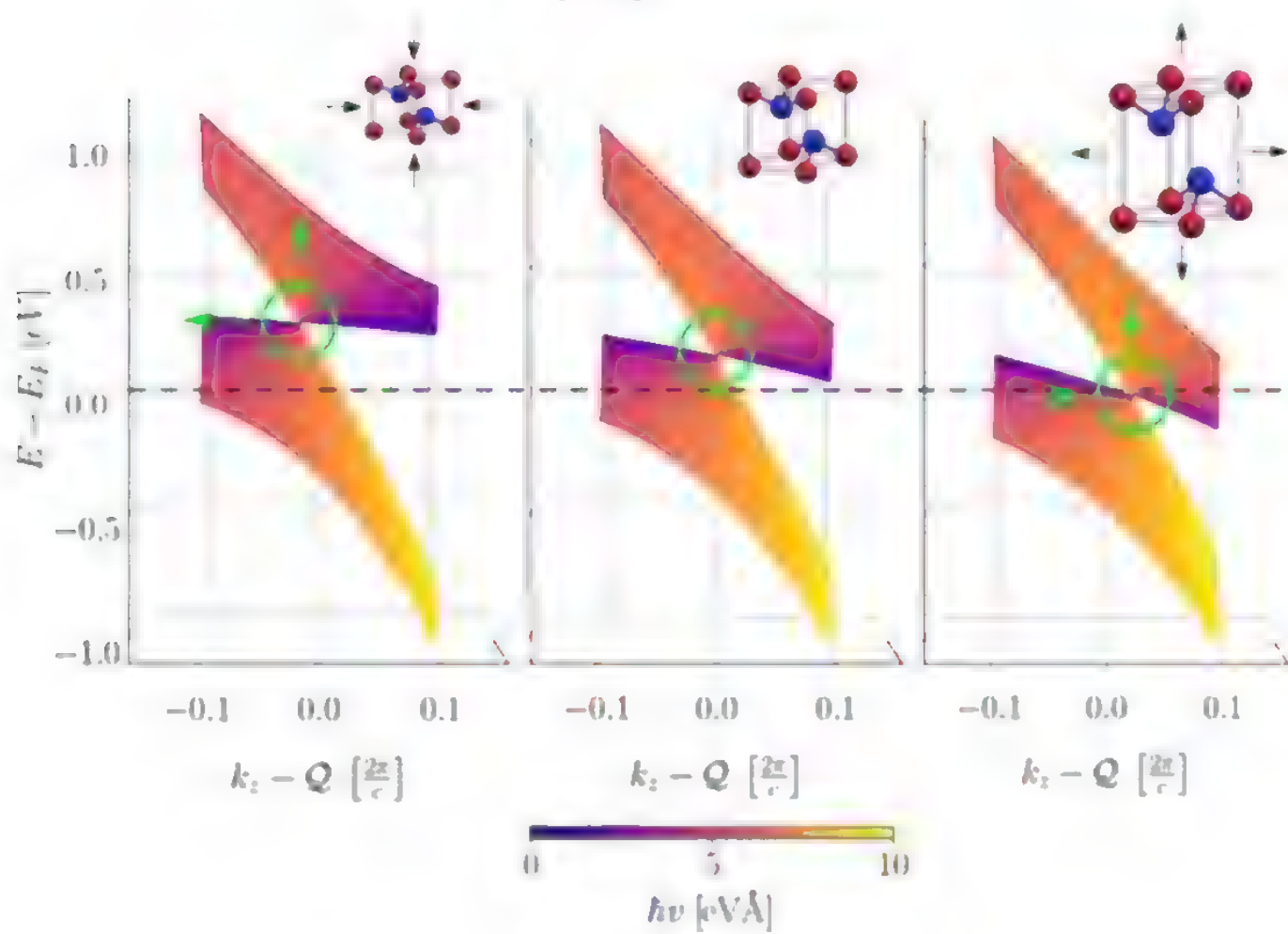
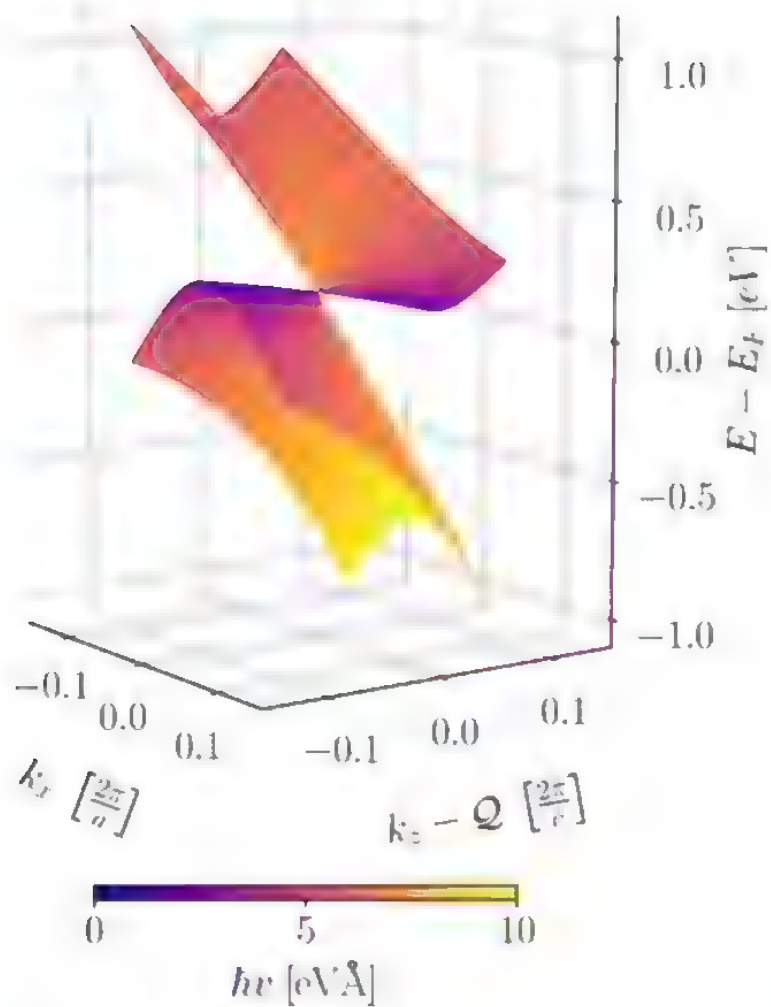


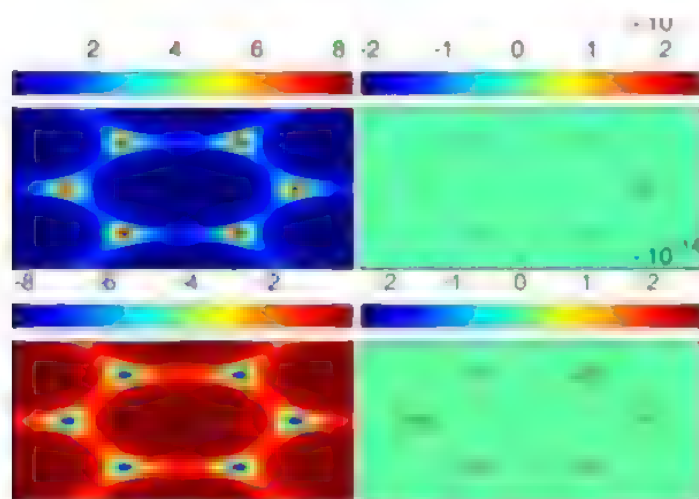
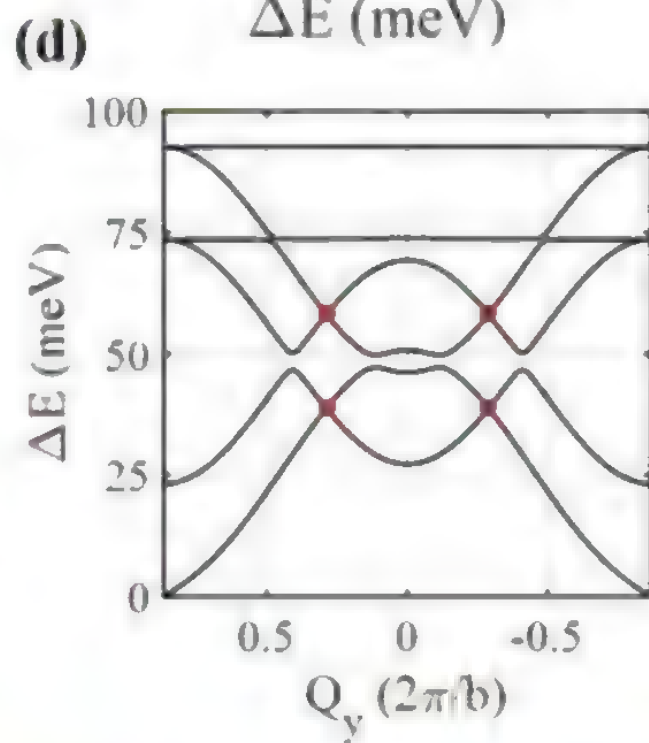
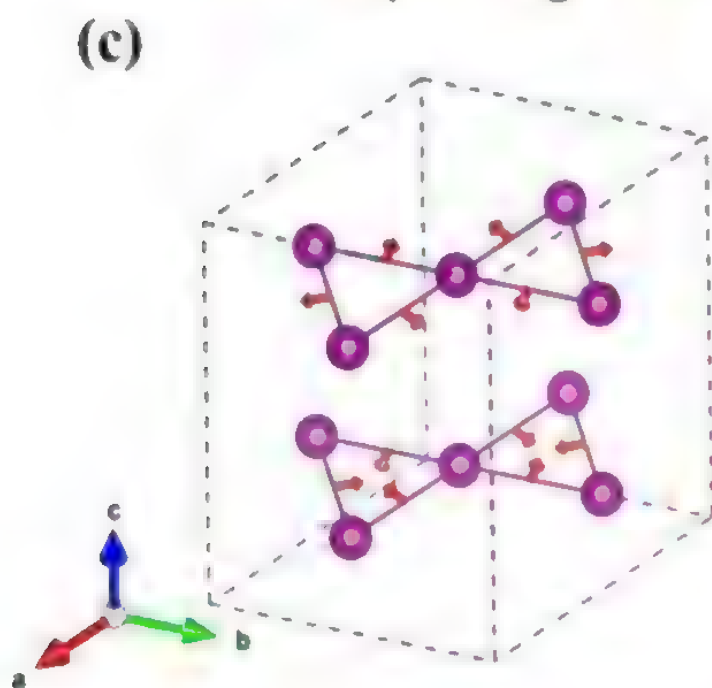
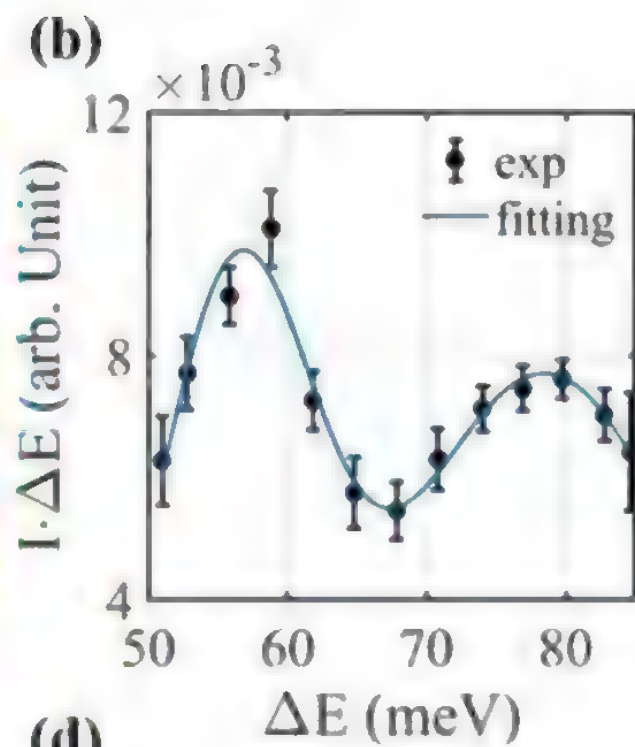
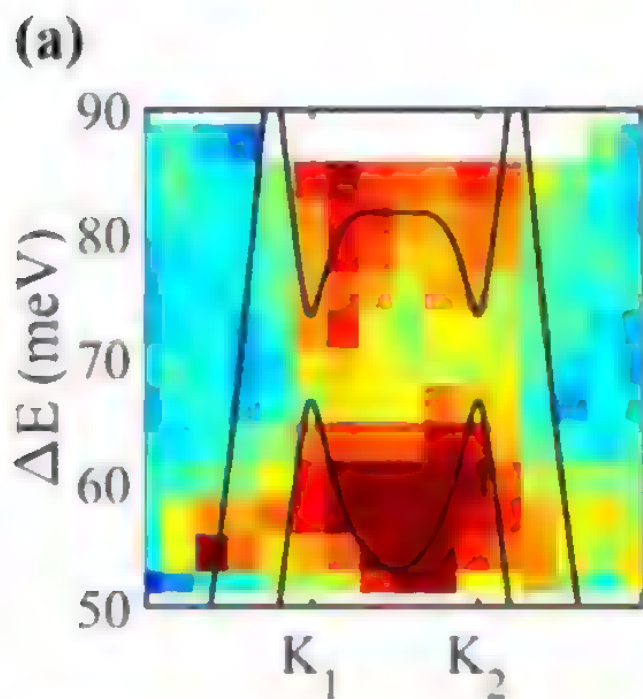
(a) $\eta = (-0.02, -0.02, -0.02)$

(b) $\eta = (0.02, 0.02, 0.02)$

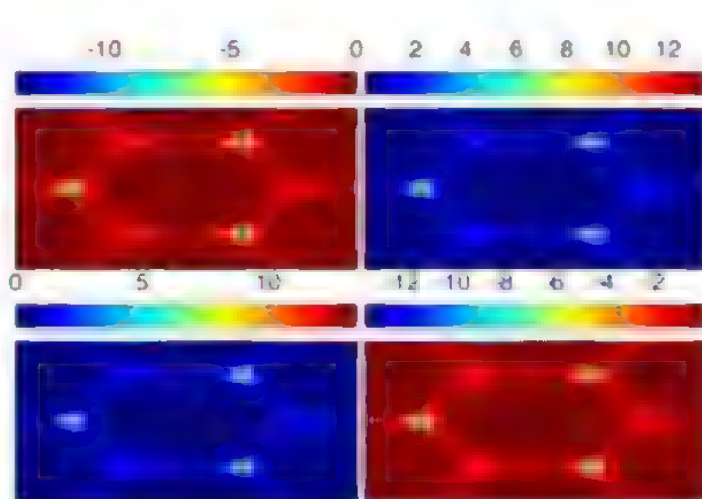




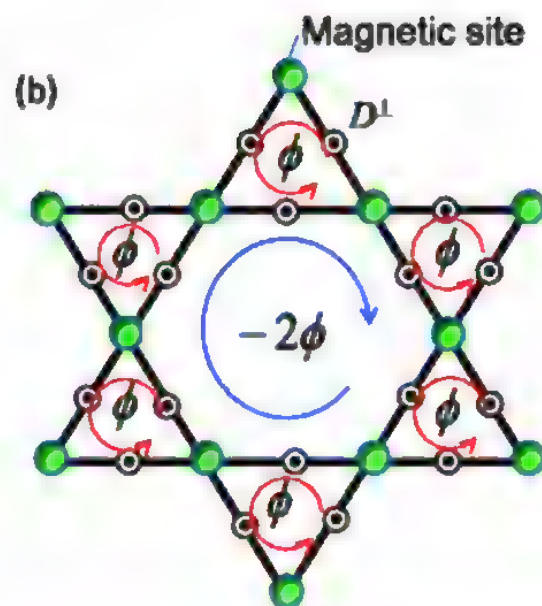
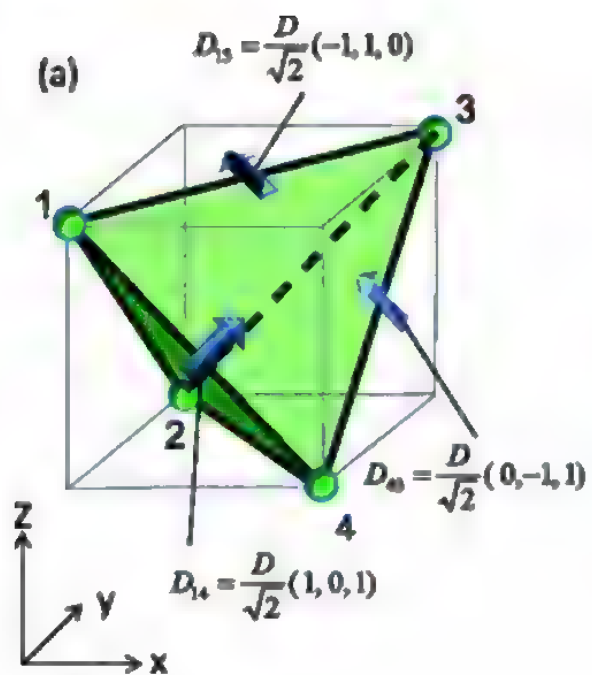




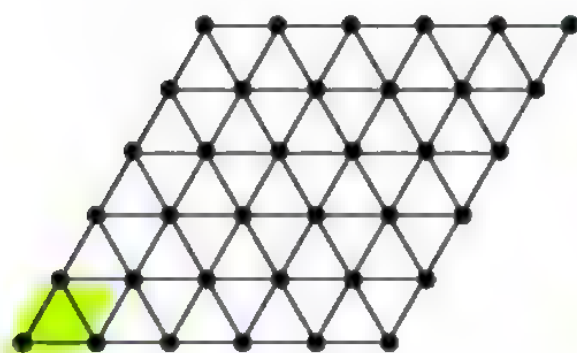
(a)



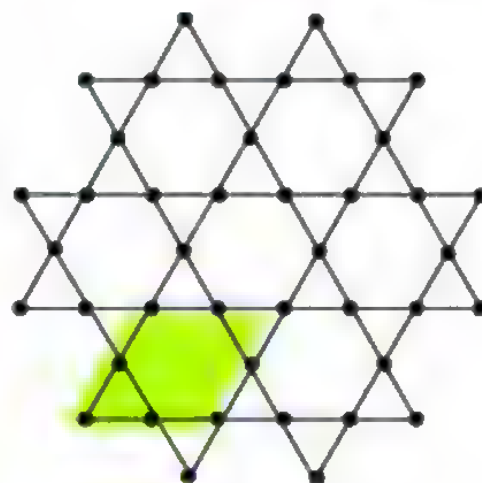
(b)



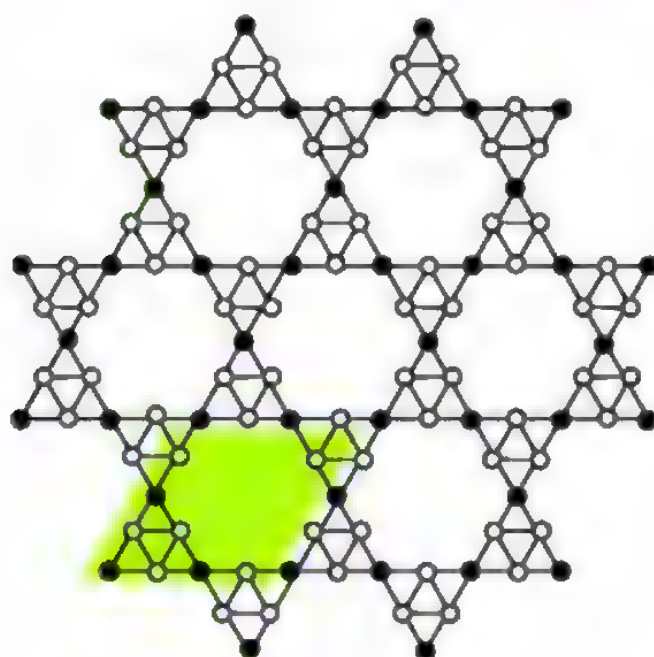
(111) plane



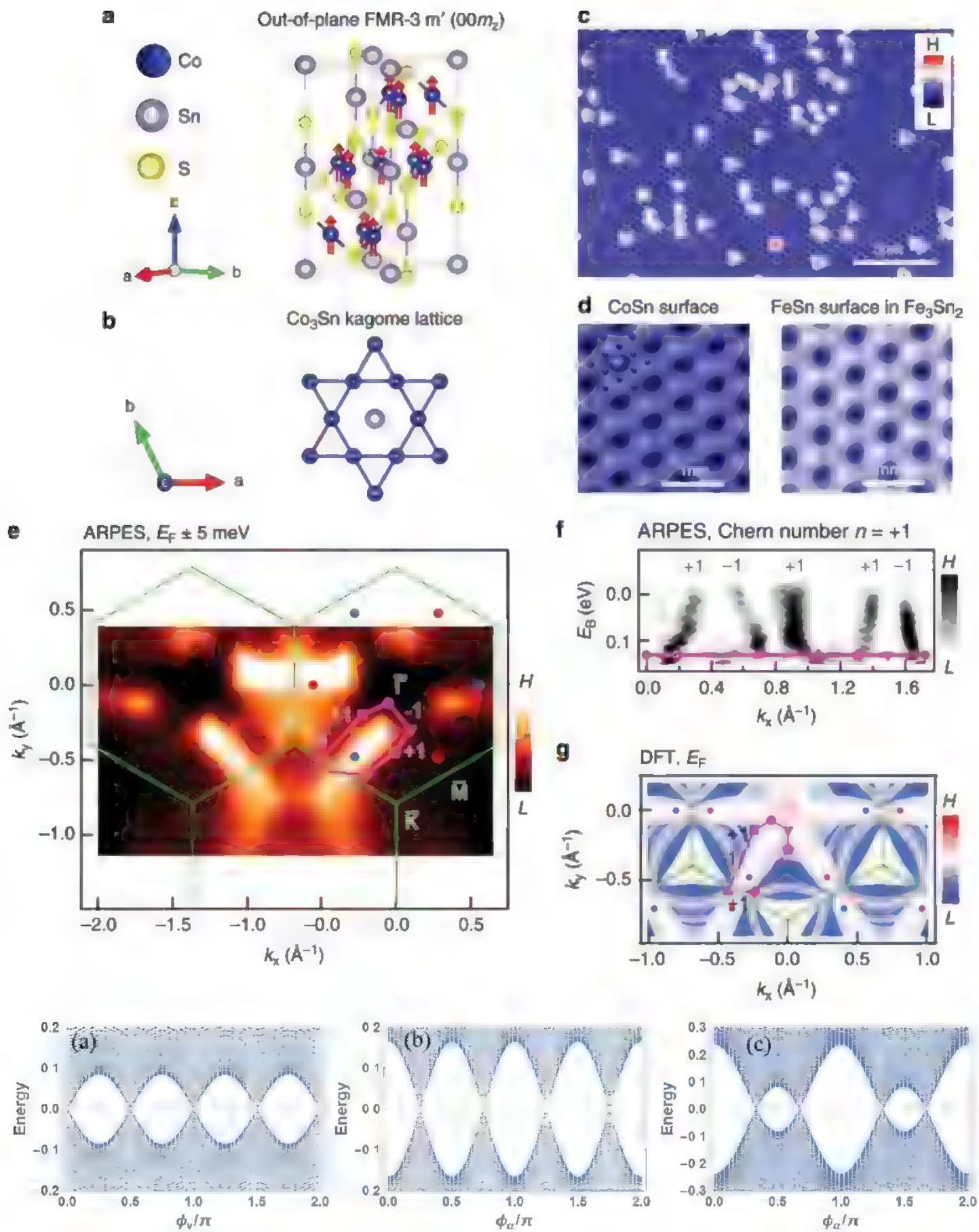
(a)

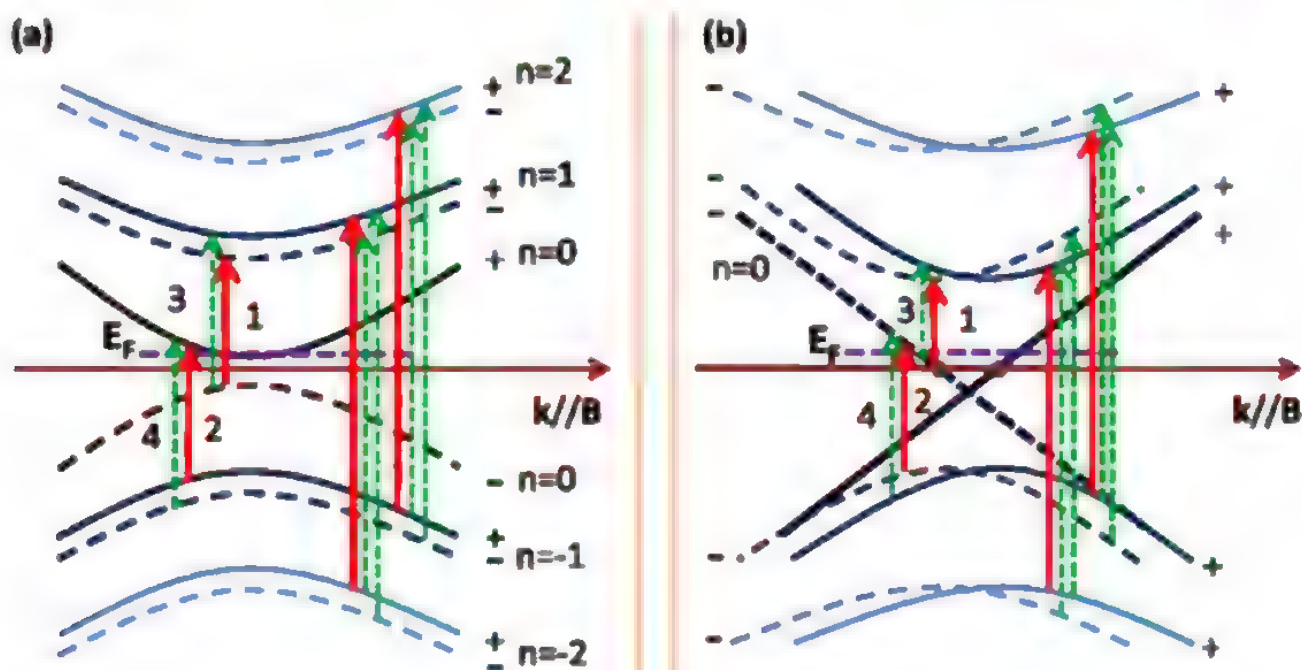
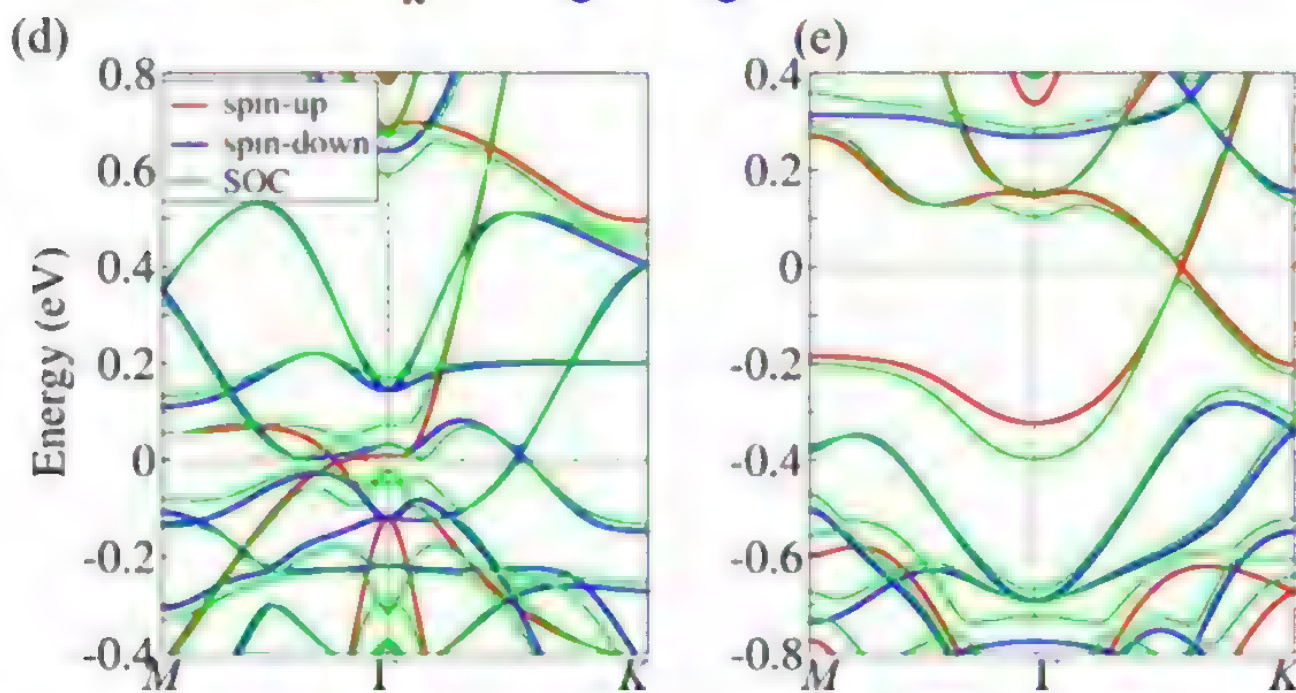
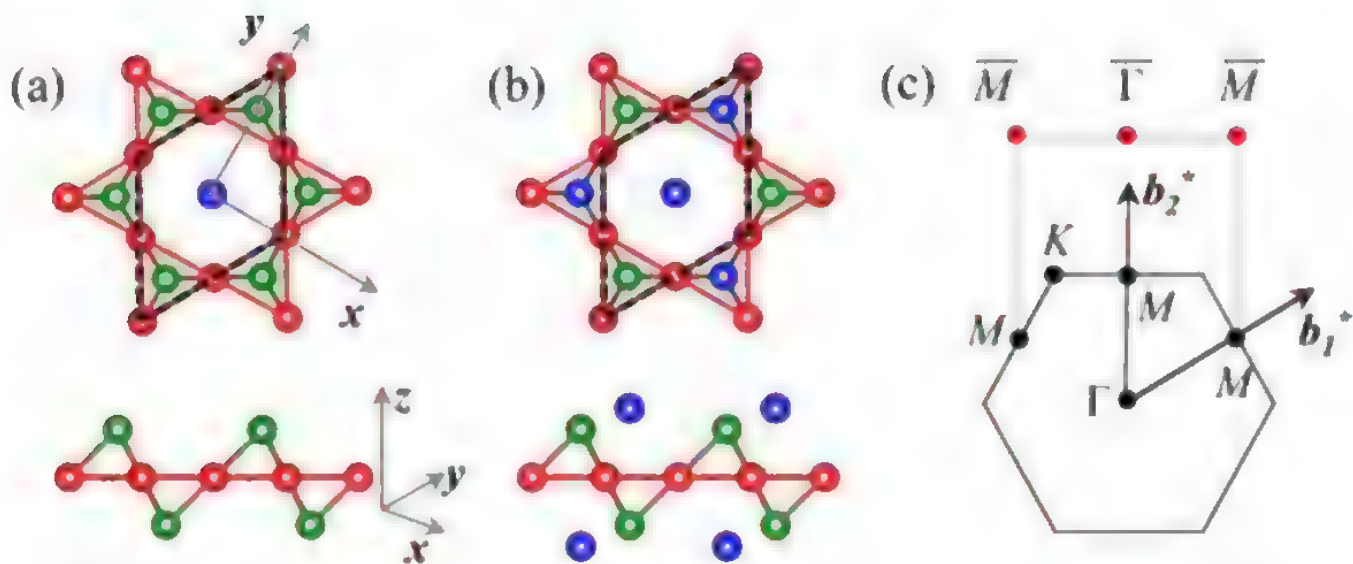


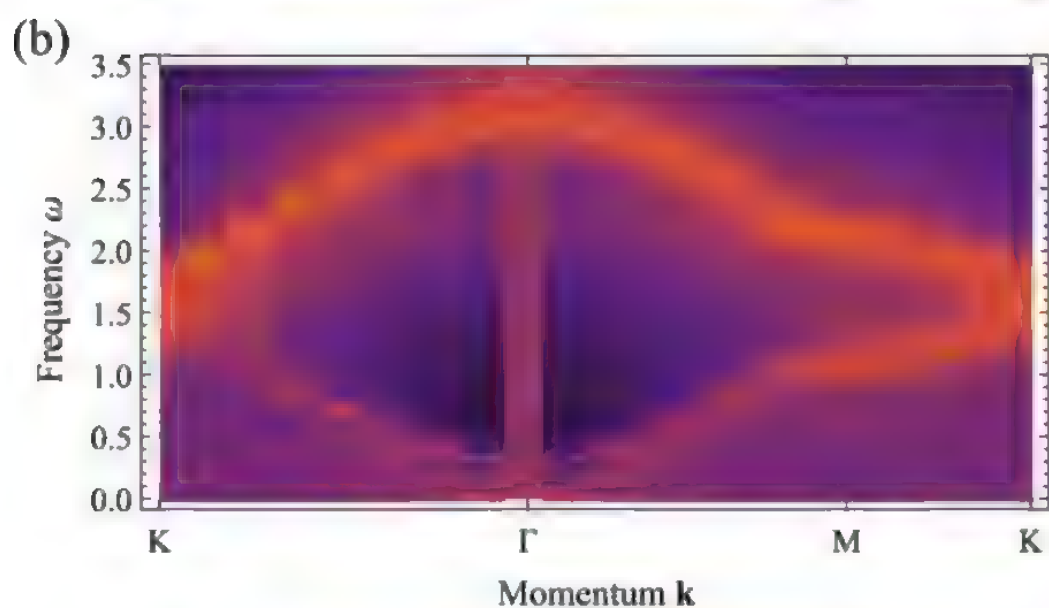
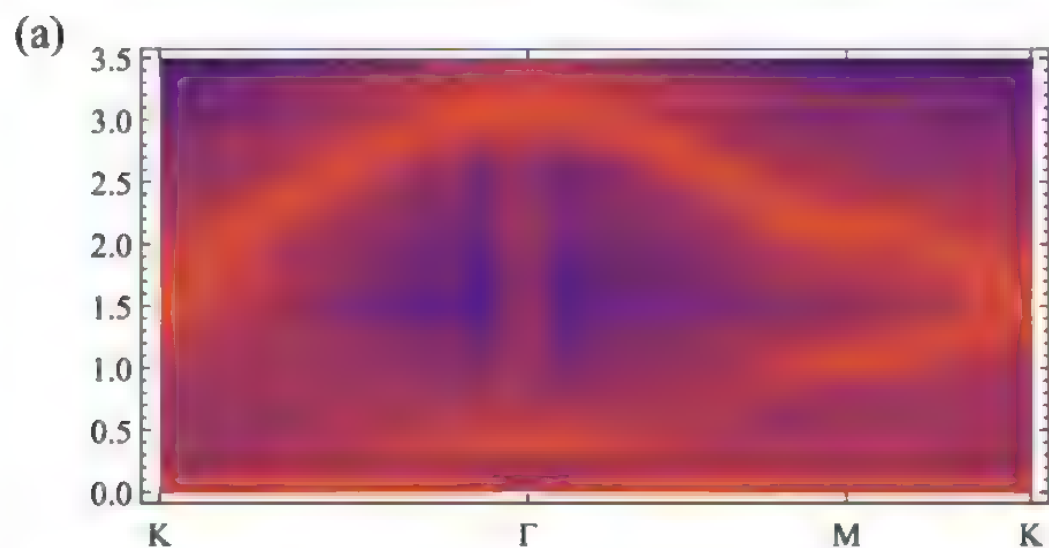
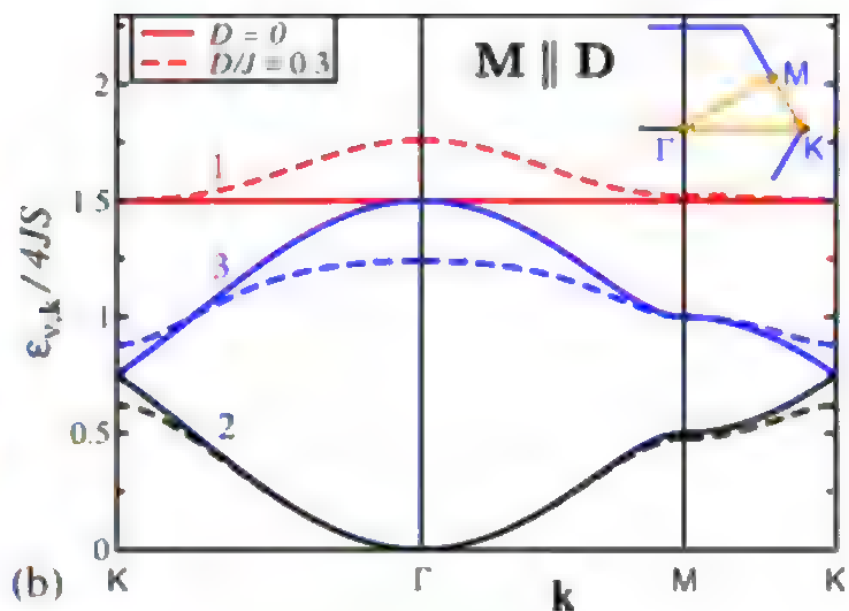
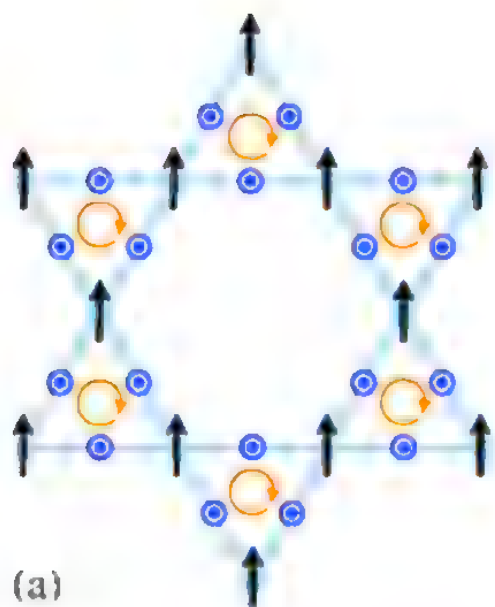
(b)

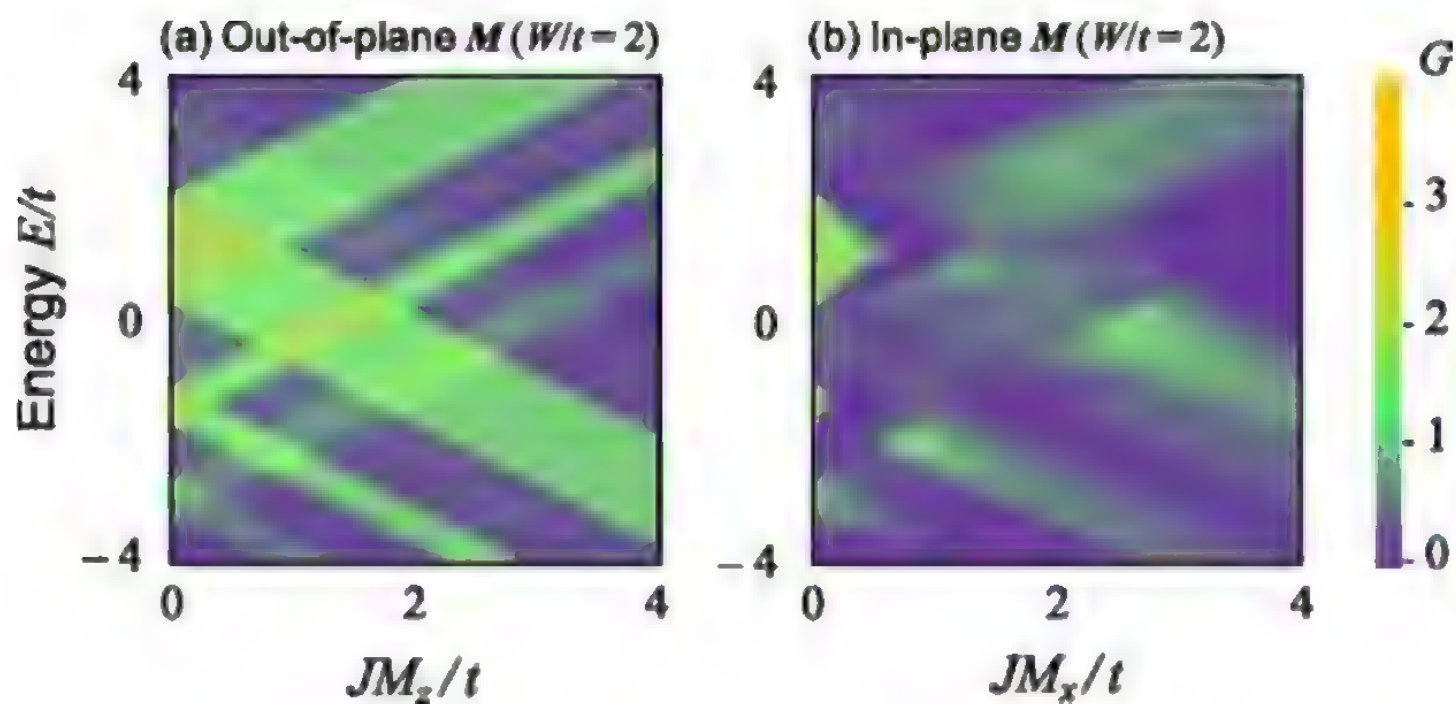
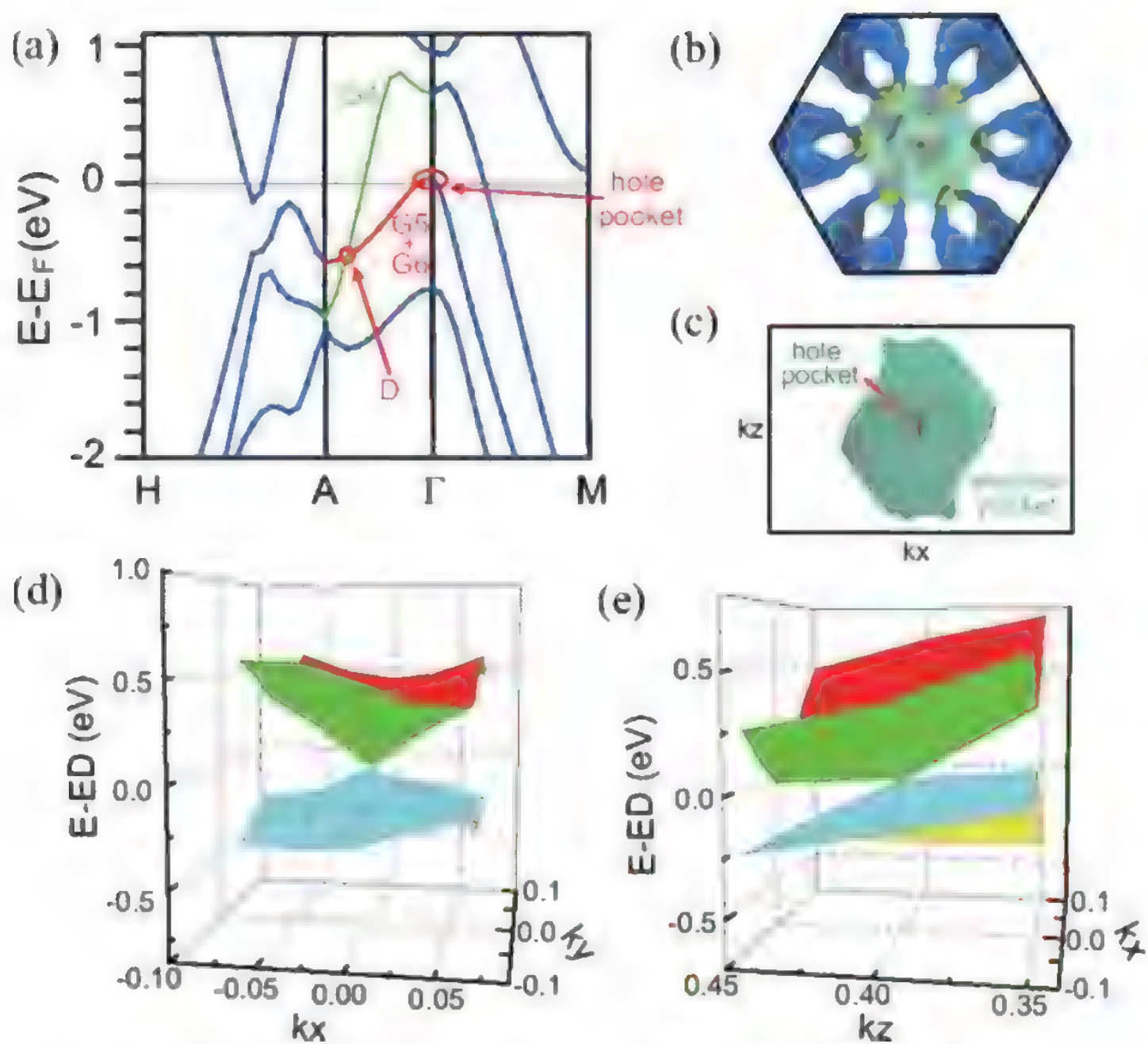


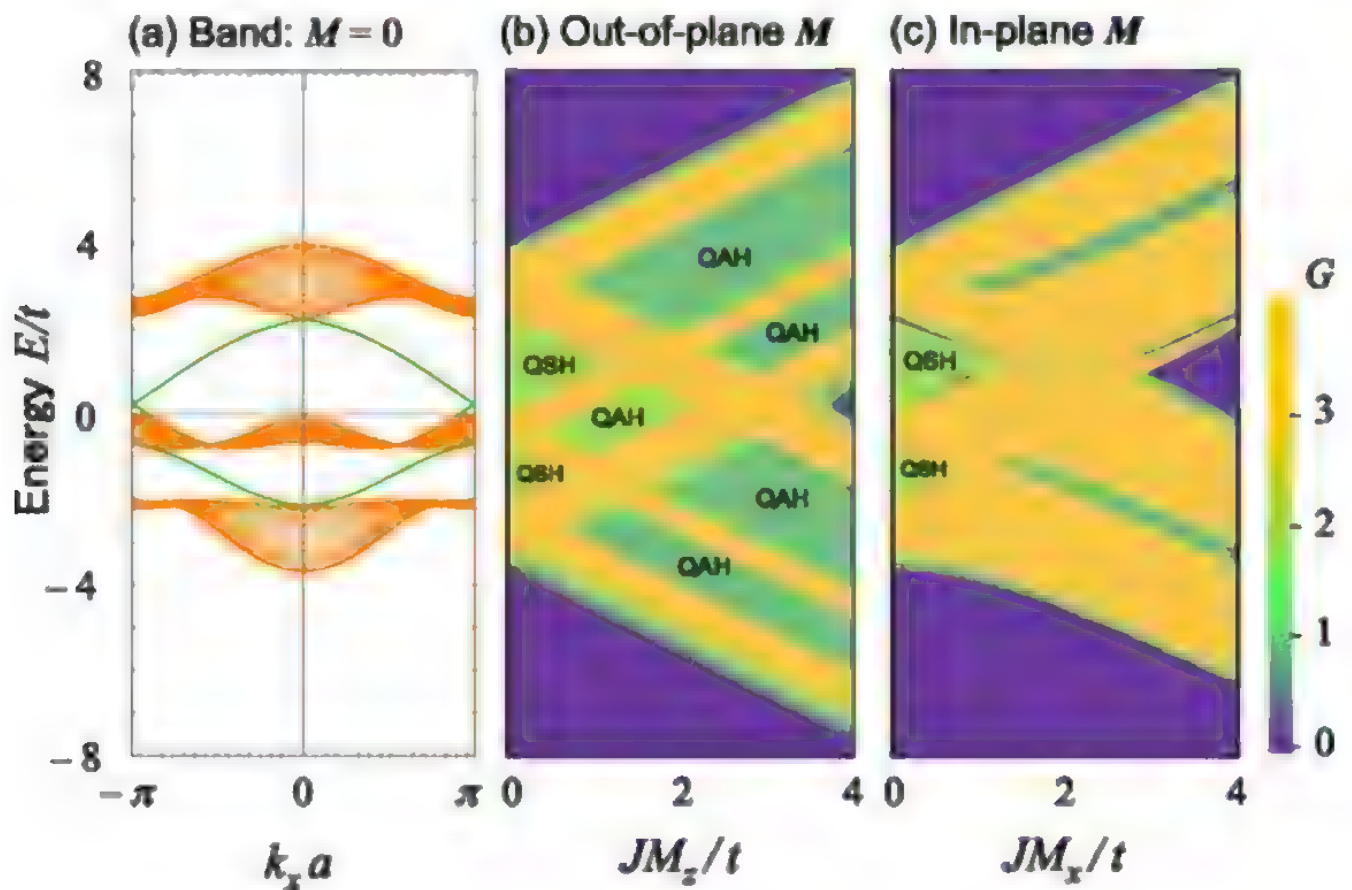
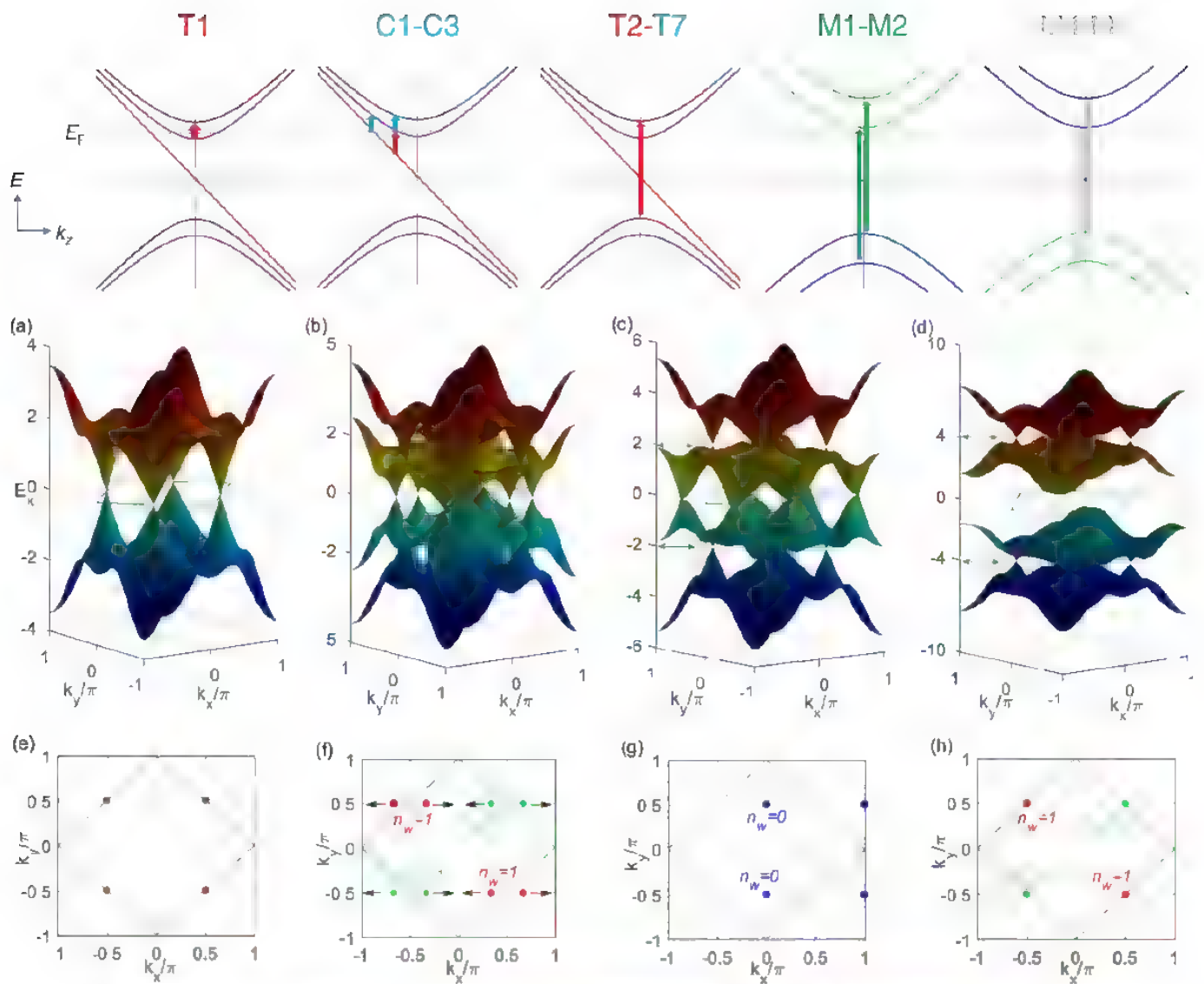
(c)

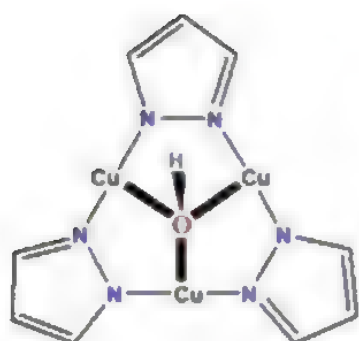
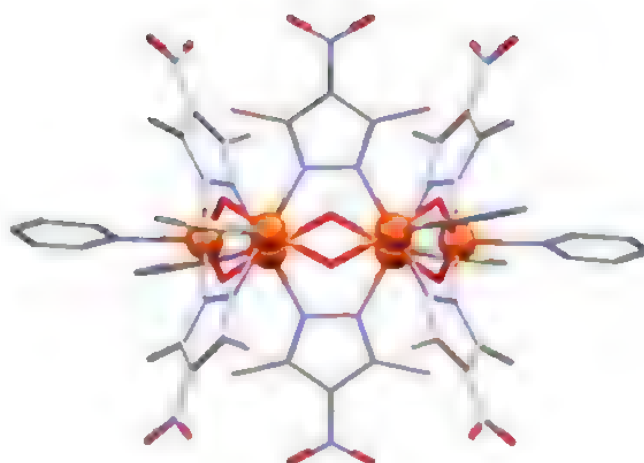
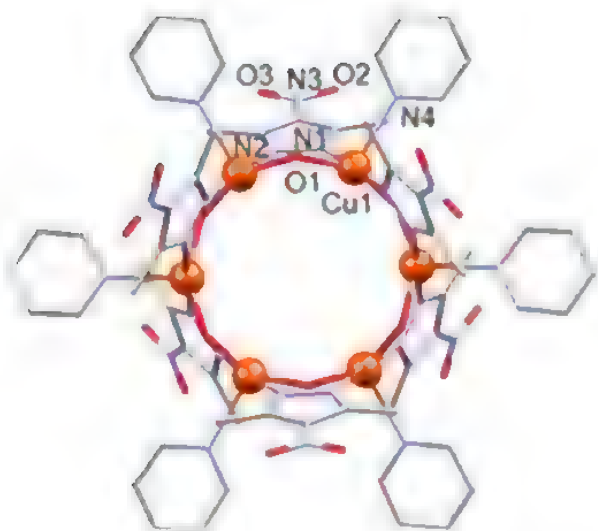




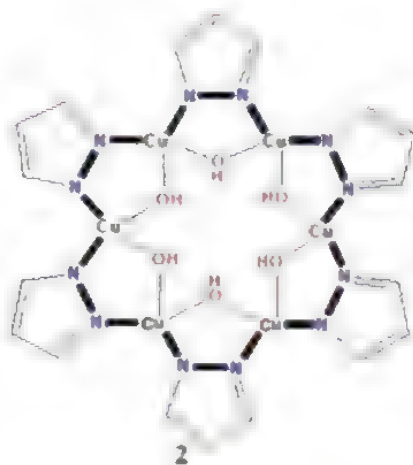




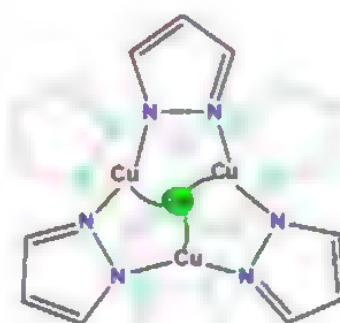




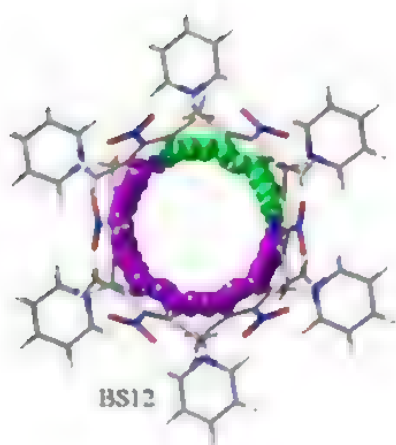
1



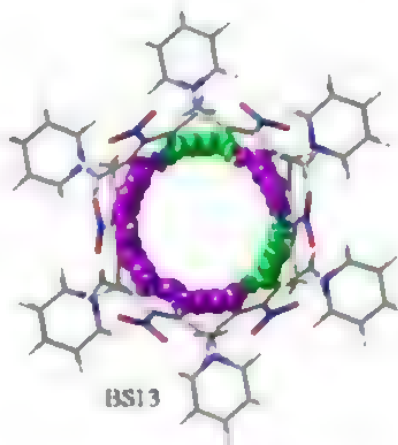
2



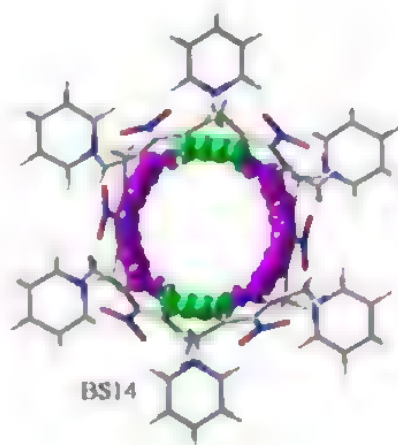
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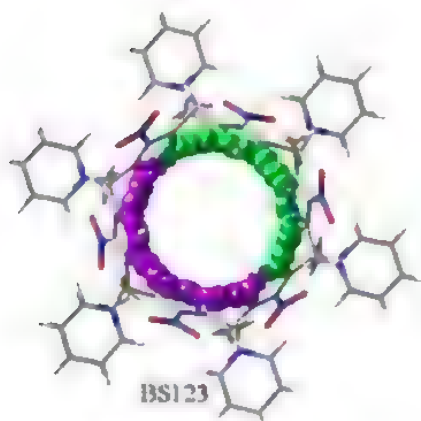
BS12



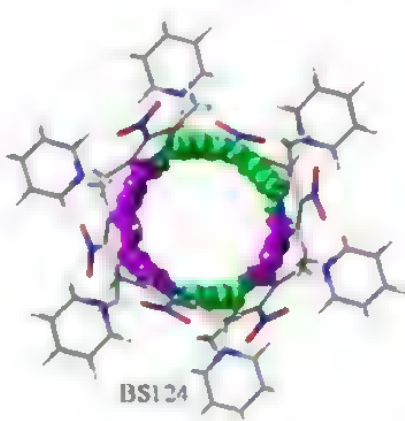
BS13



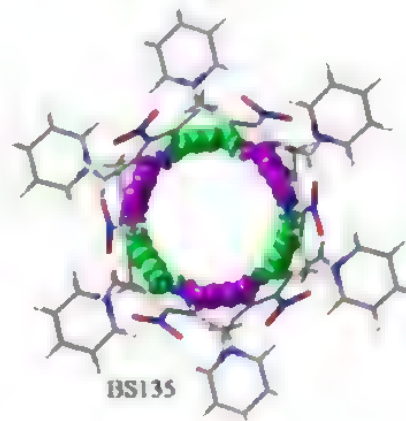
BS14



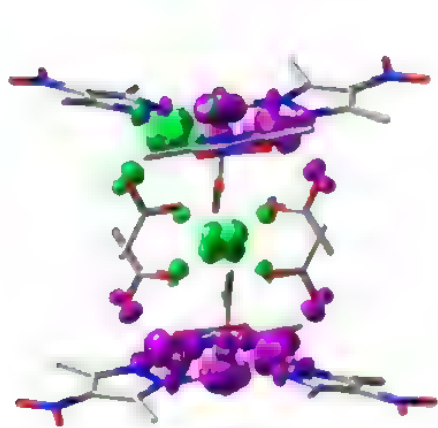
BS123



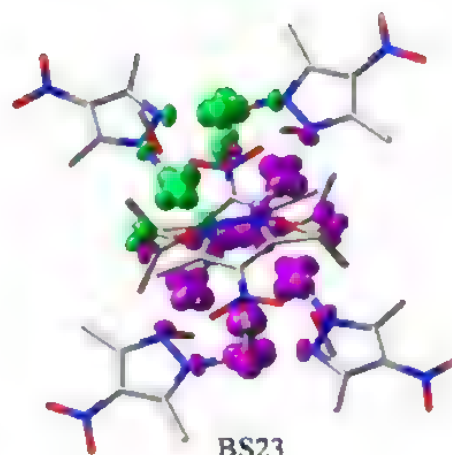
BS124



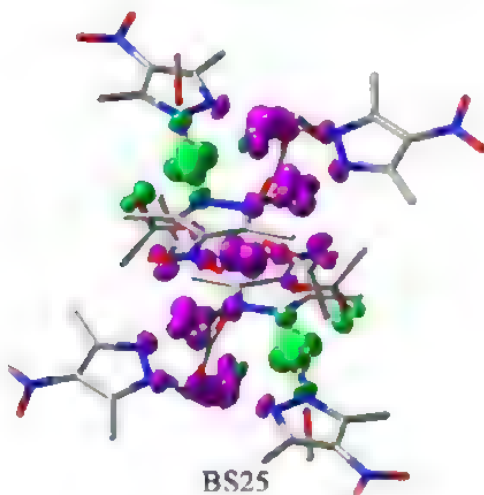
BS135



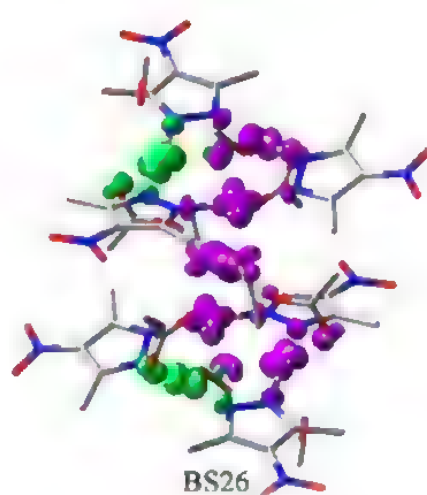
BS12



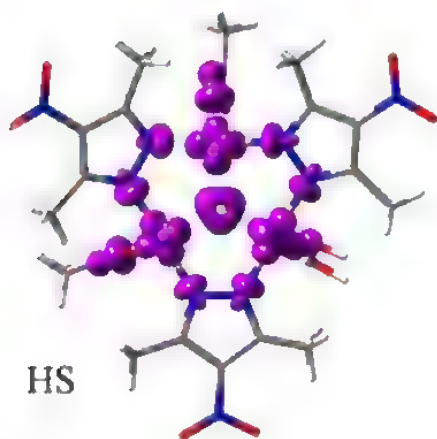
BS23



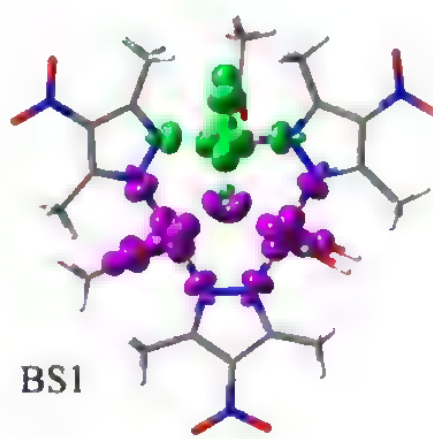
BS25



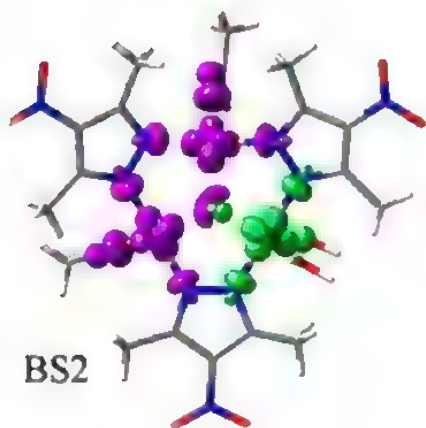
BS26



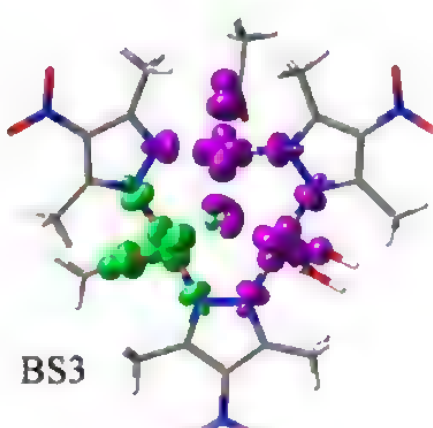
HS



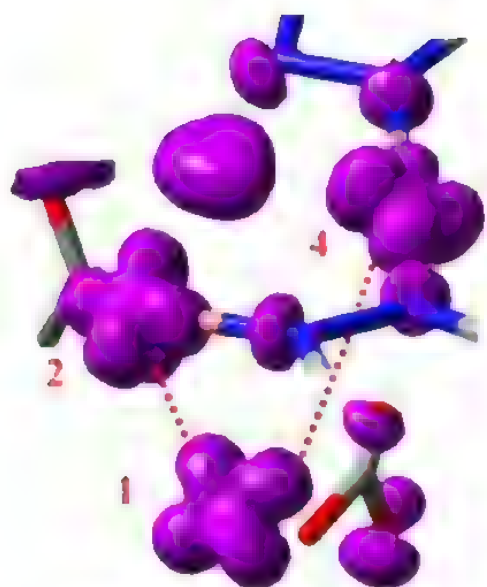
BS1



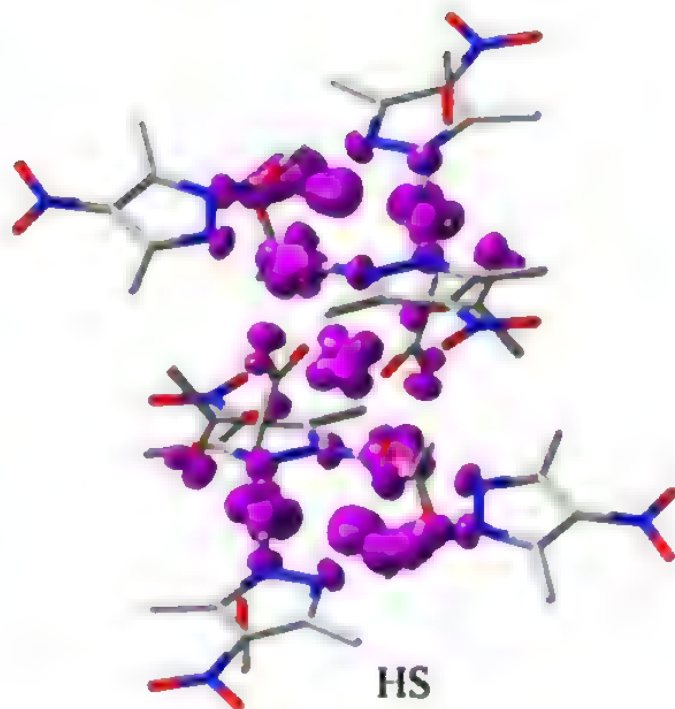
BS2



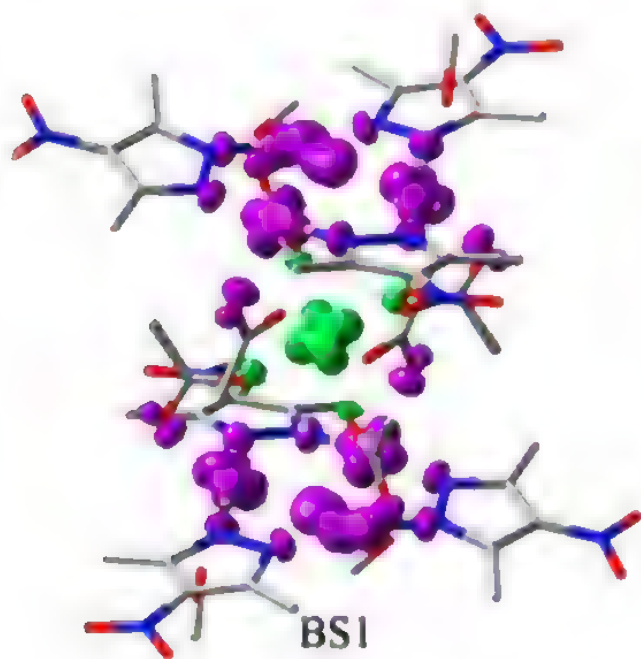
BS3



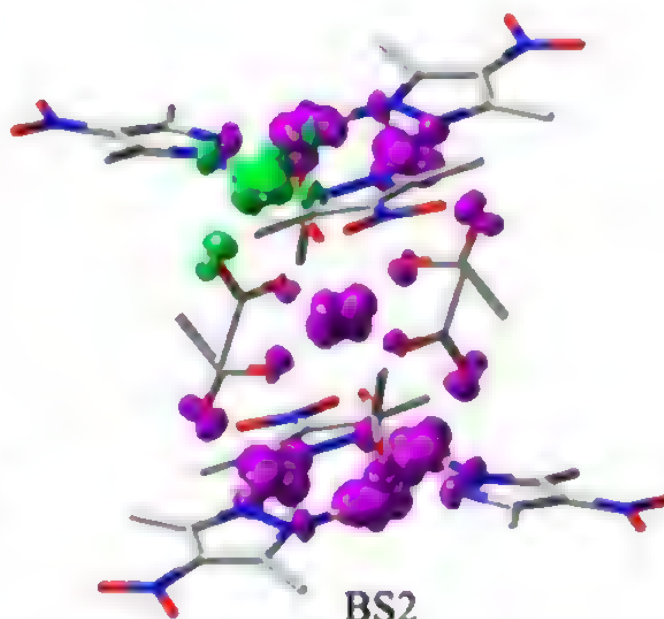
Spin density on selected magnetic orbitals (close-up)



HS

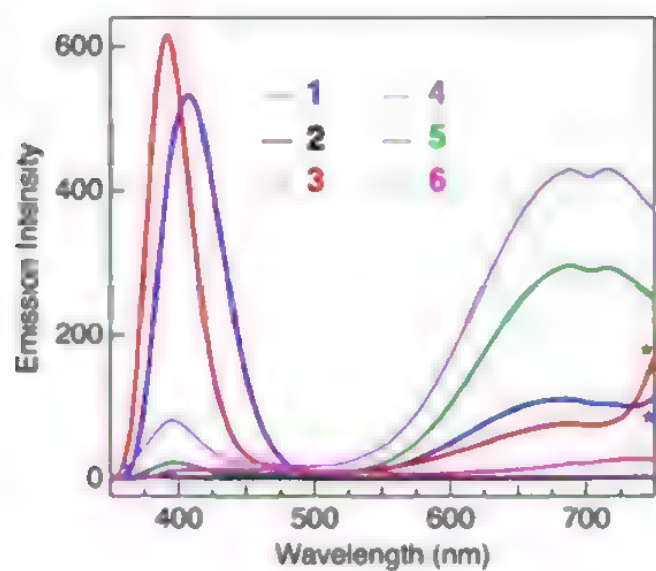


BS1



BS2

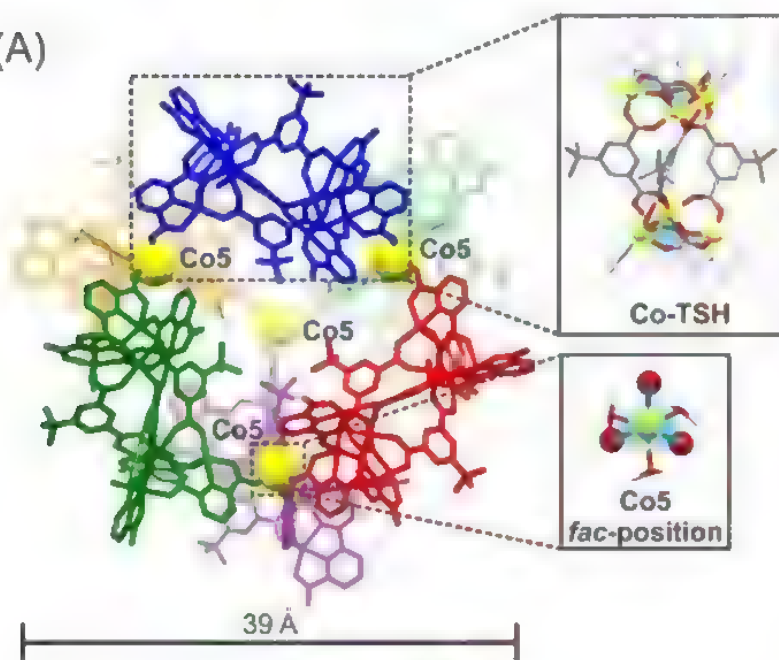
(a)



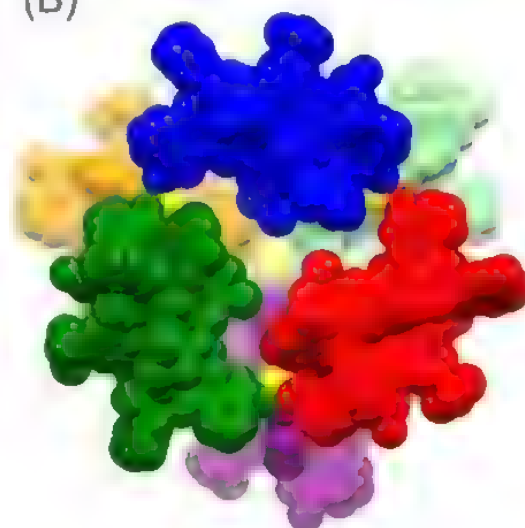
(b)



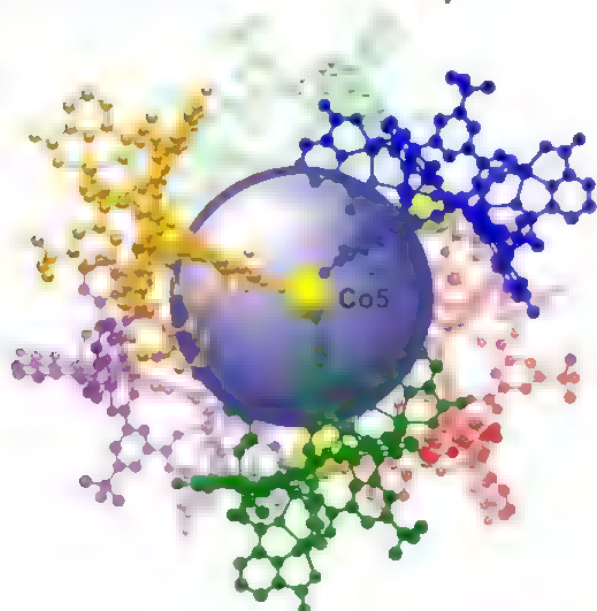
(A)



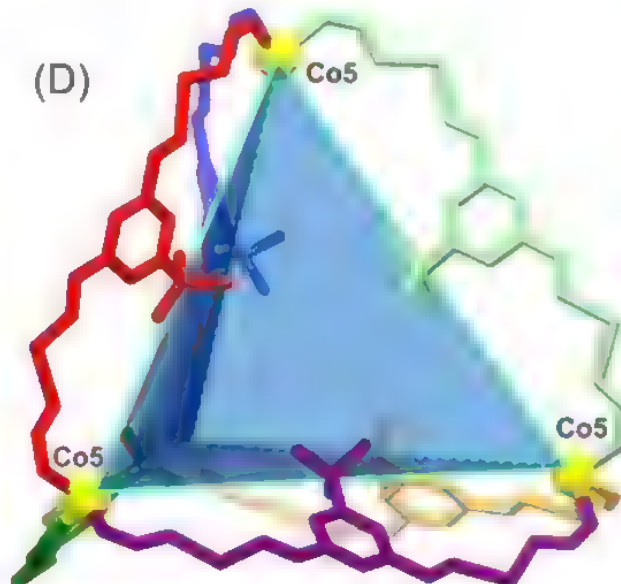
(B)

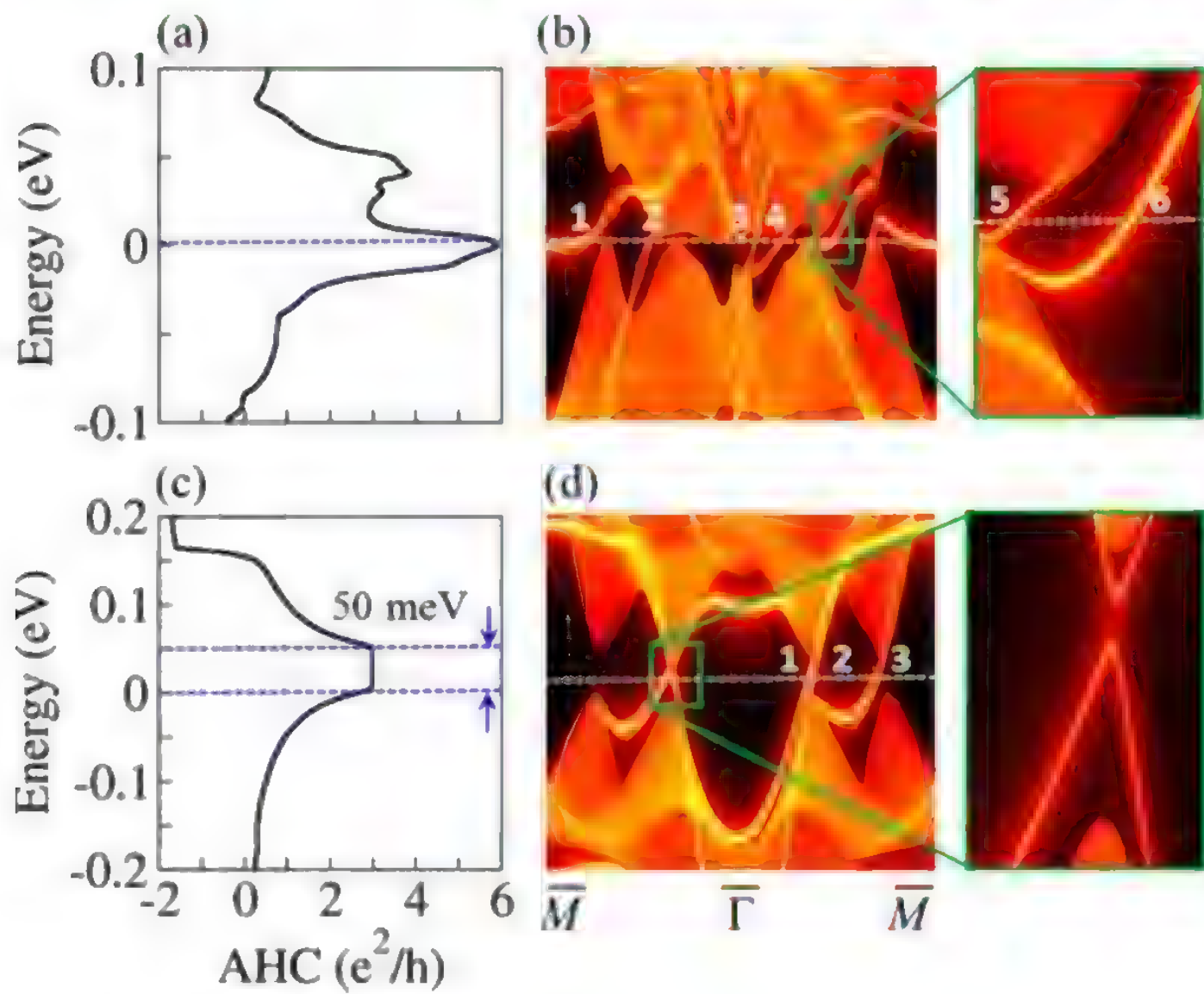
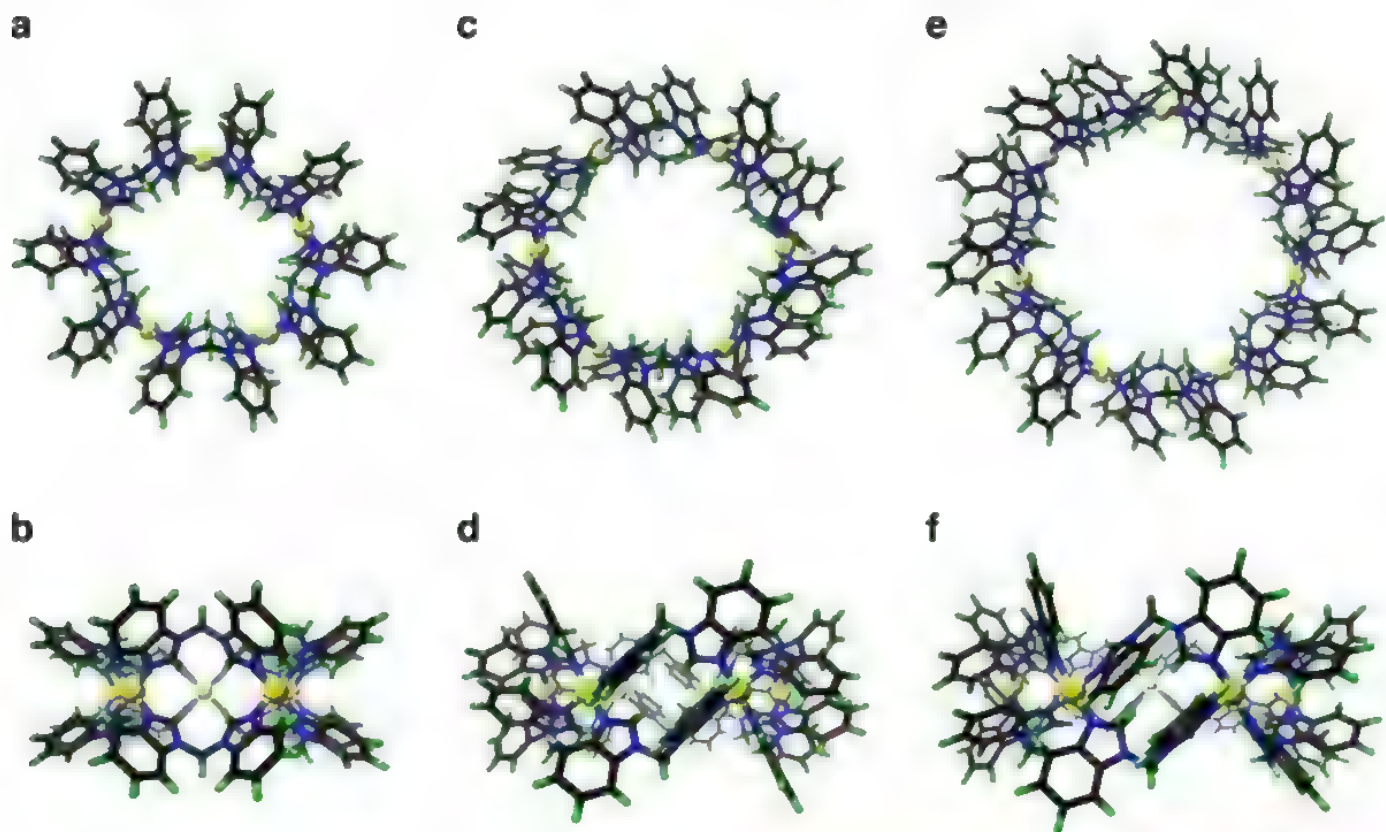


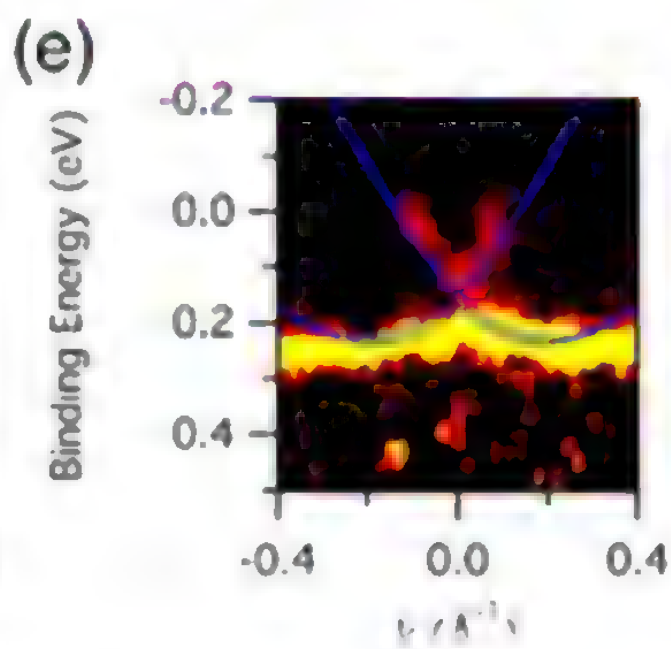
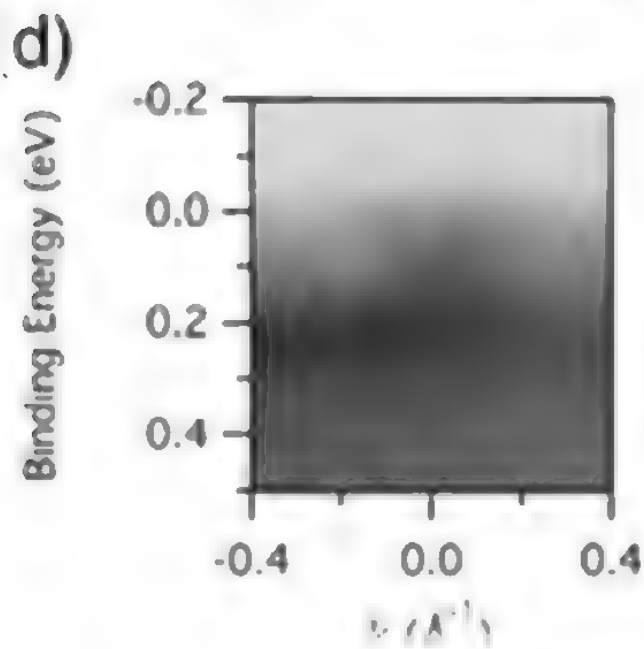
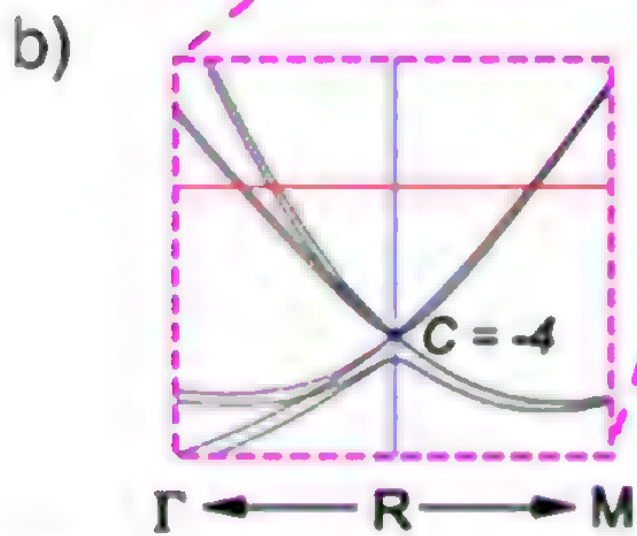
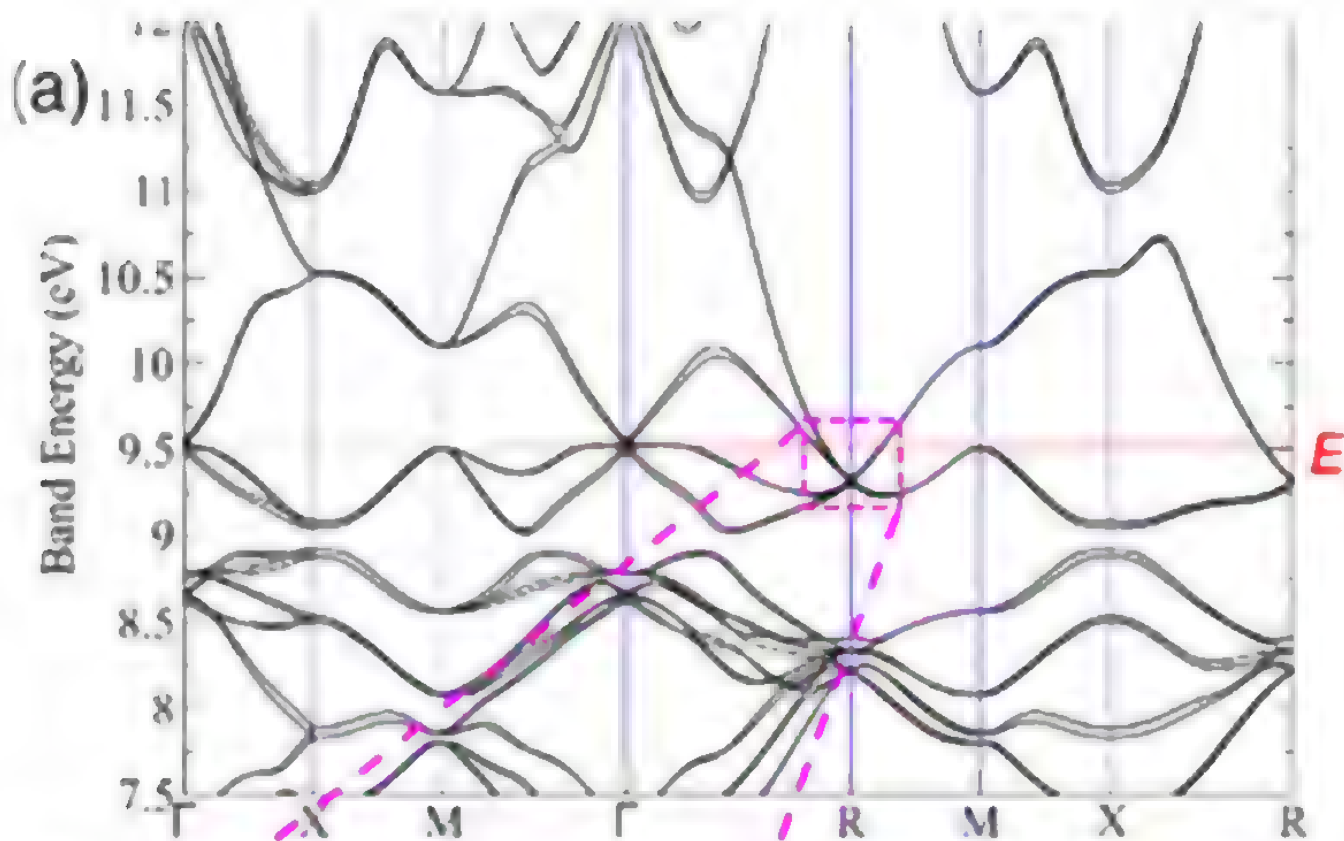
(C)



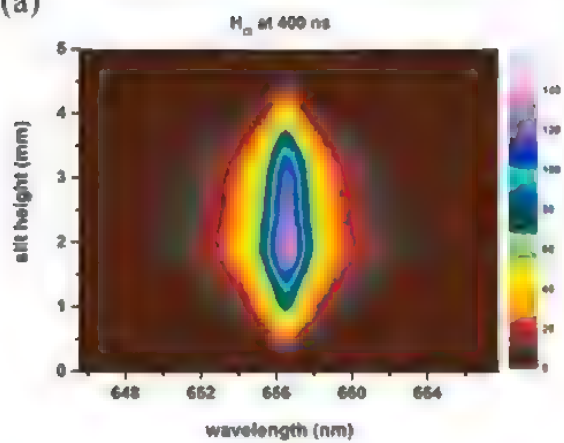
(D)



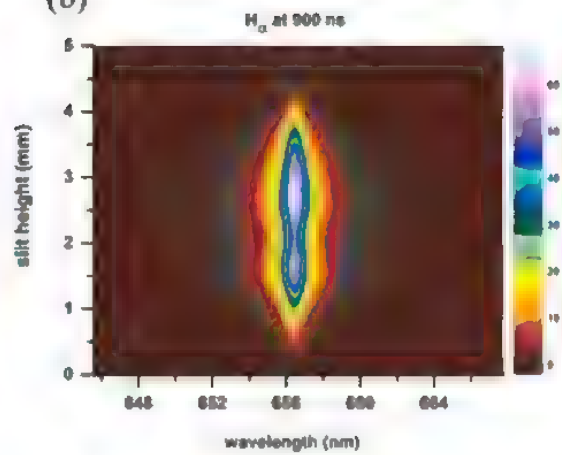




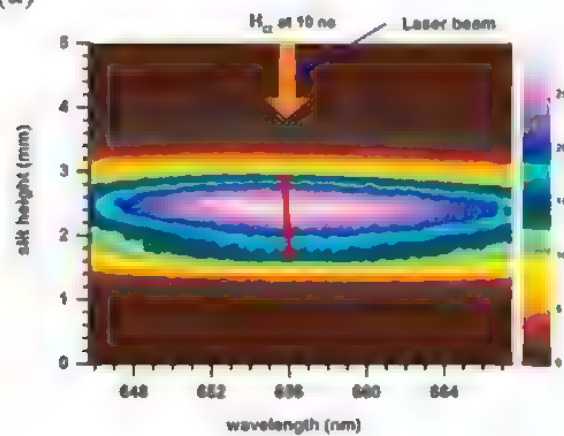
(a)



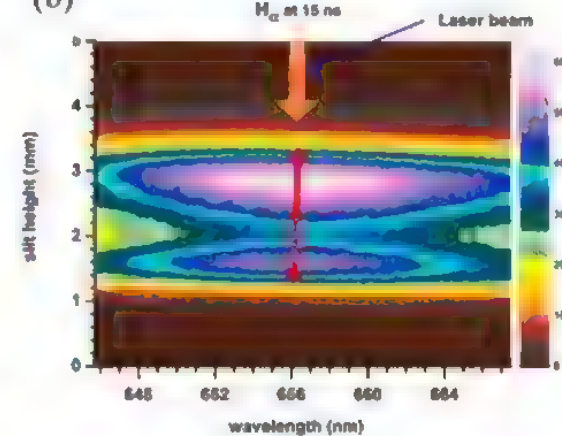
(b)



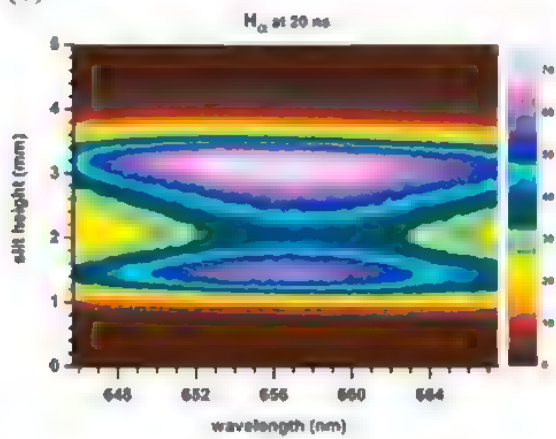
(a)



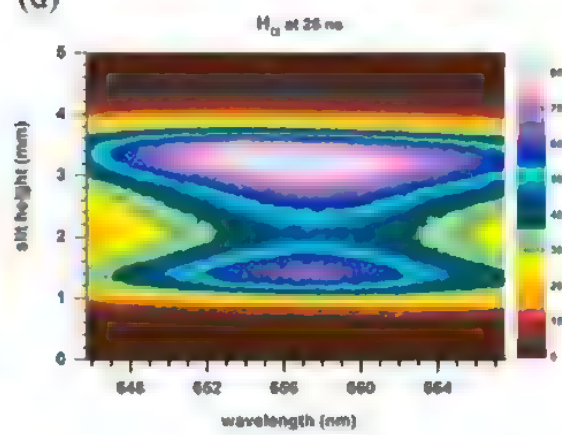
(b)



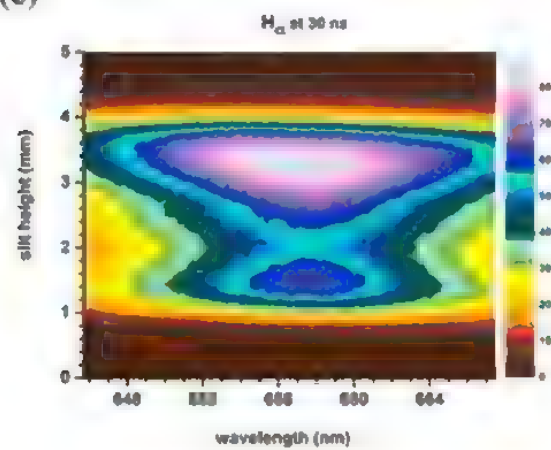
(c)



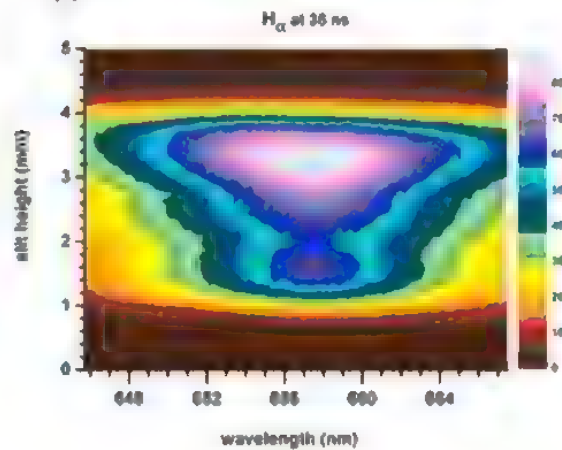
(d)

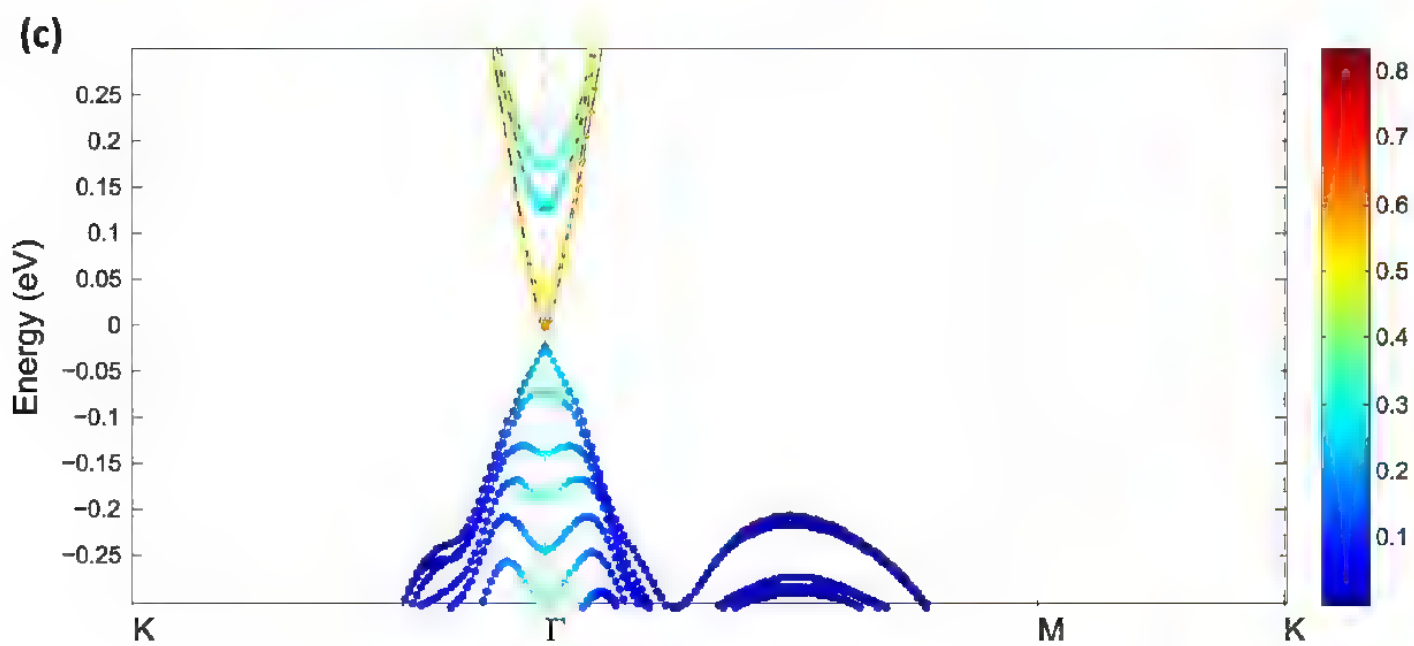
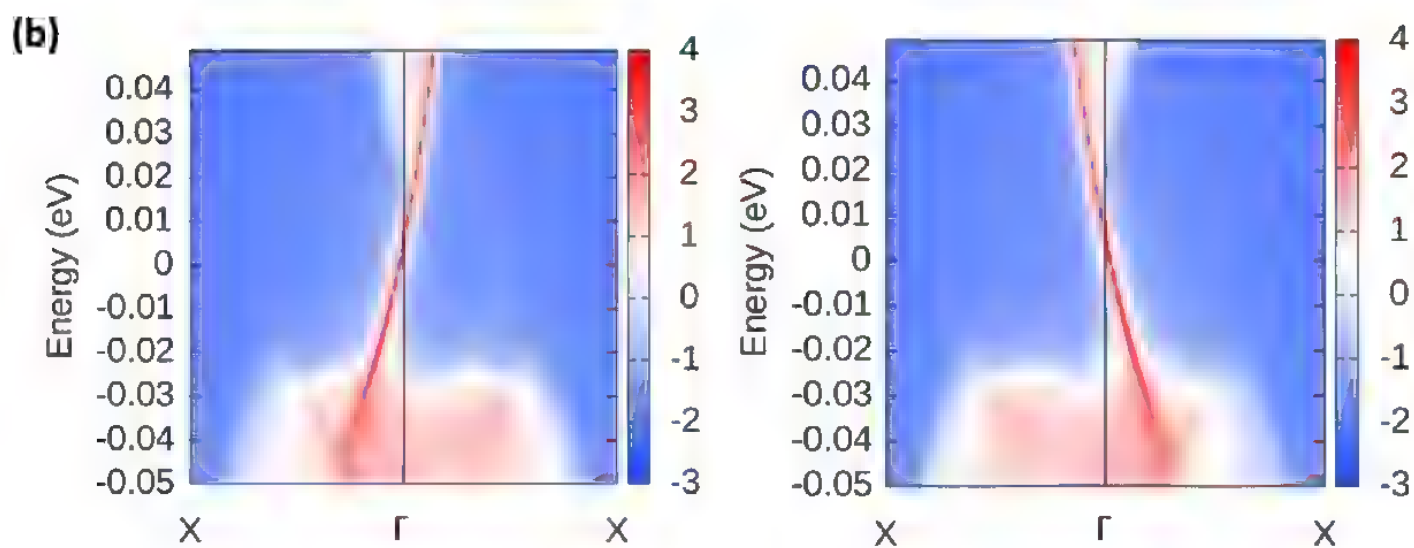
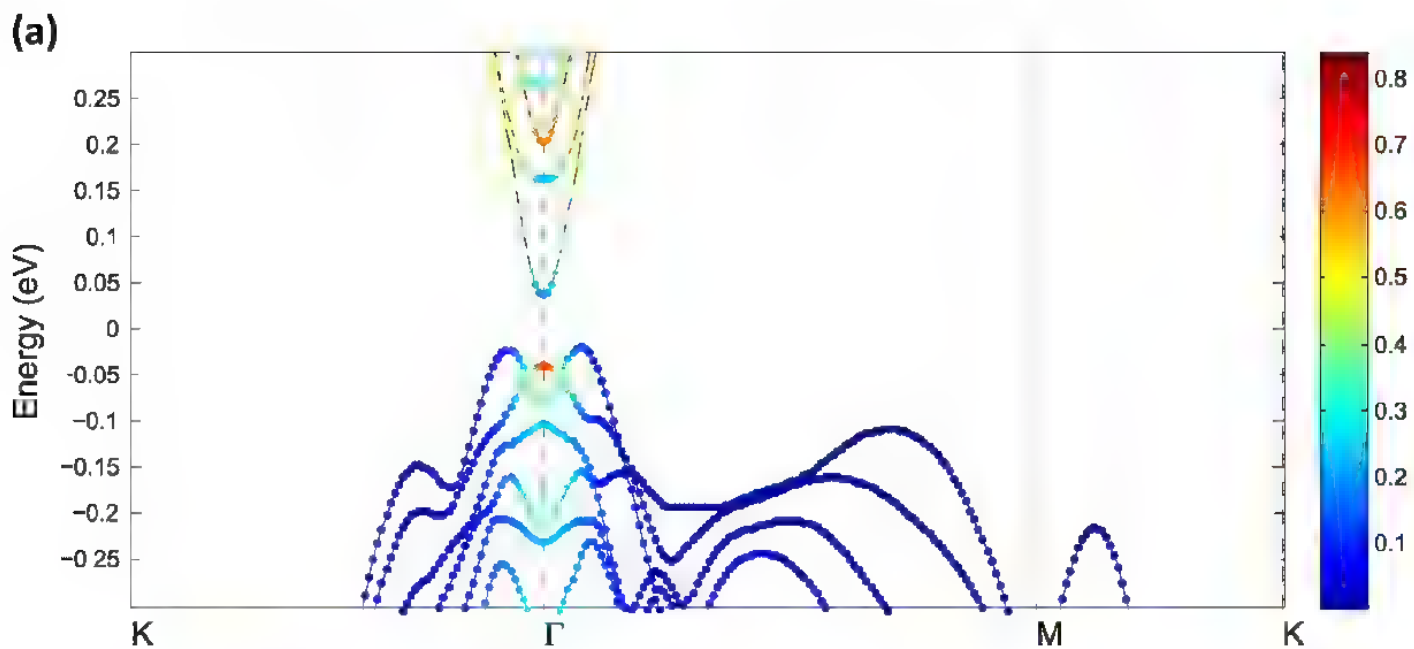


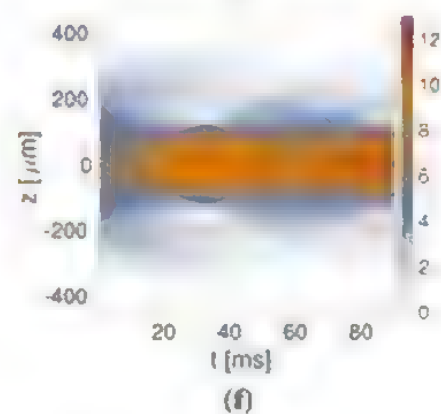
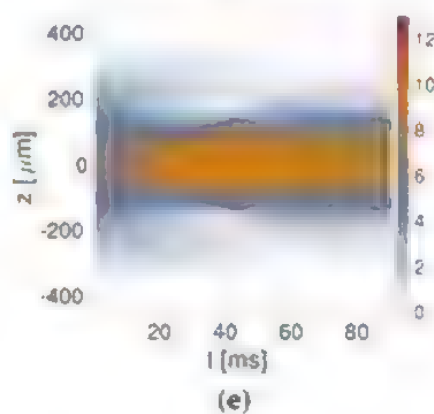
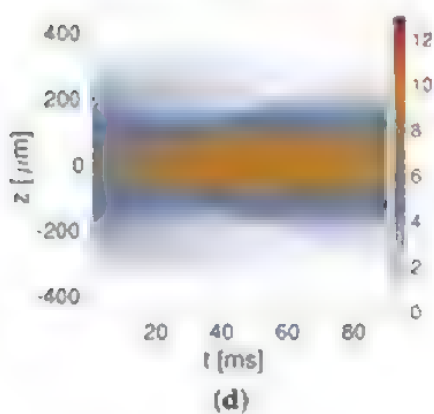
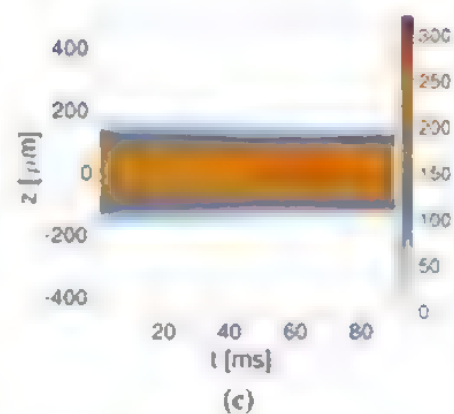
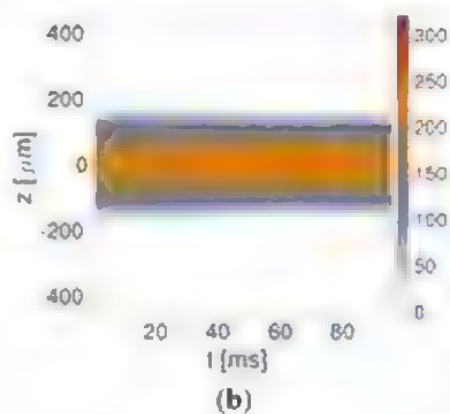
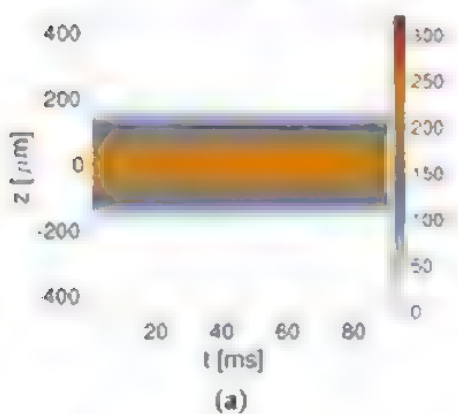
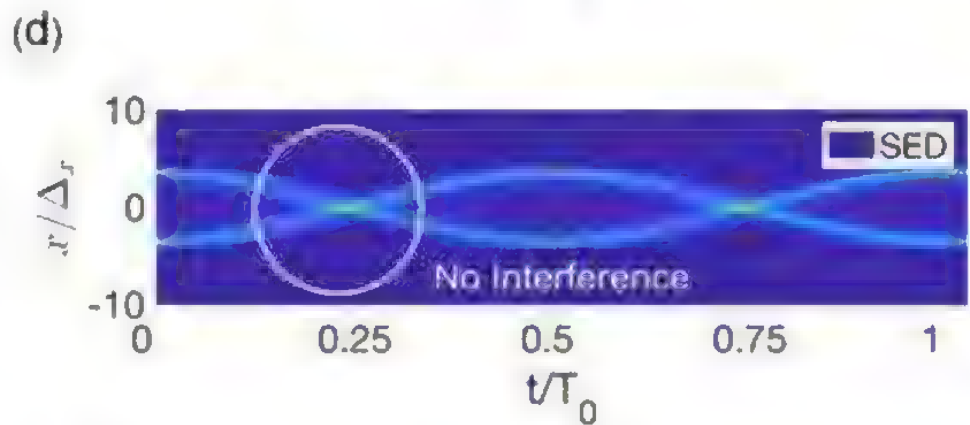
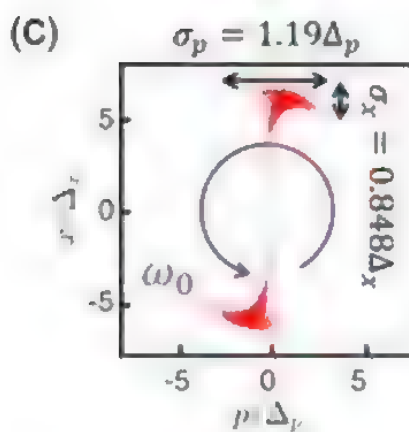
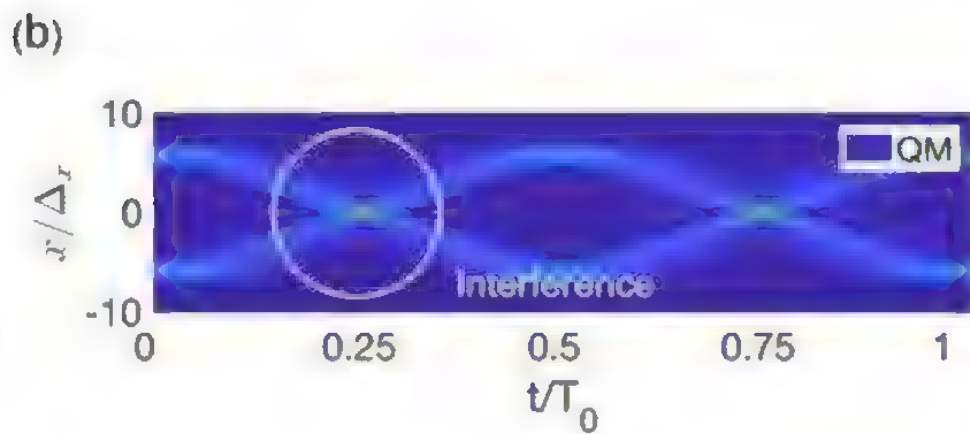
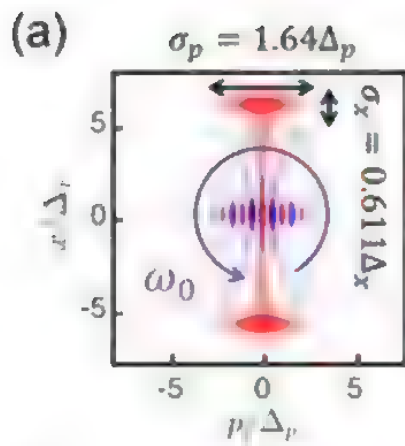
(e)

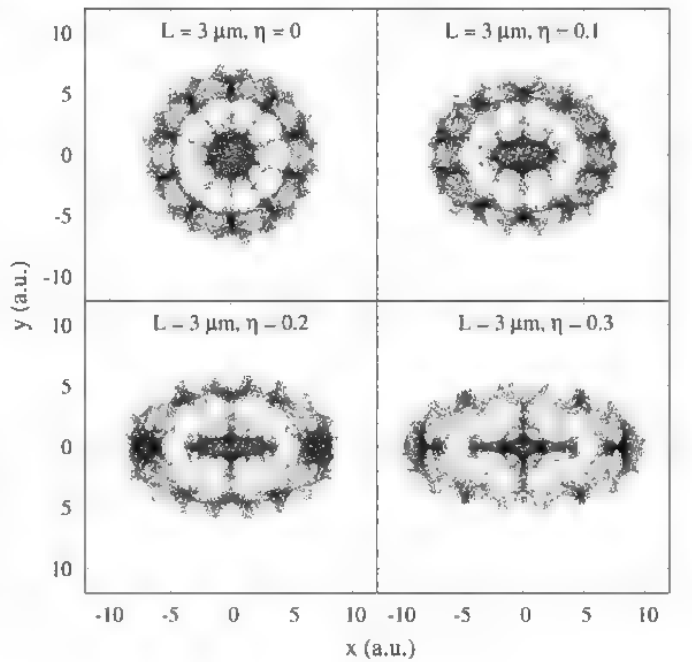
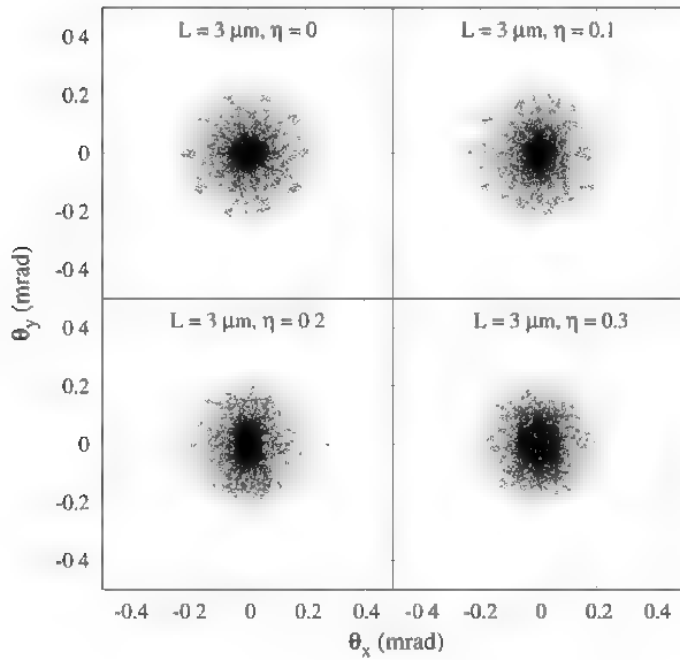
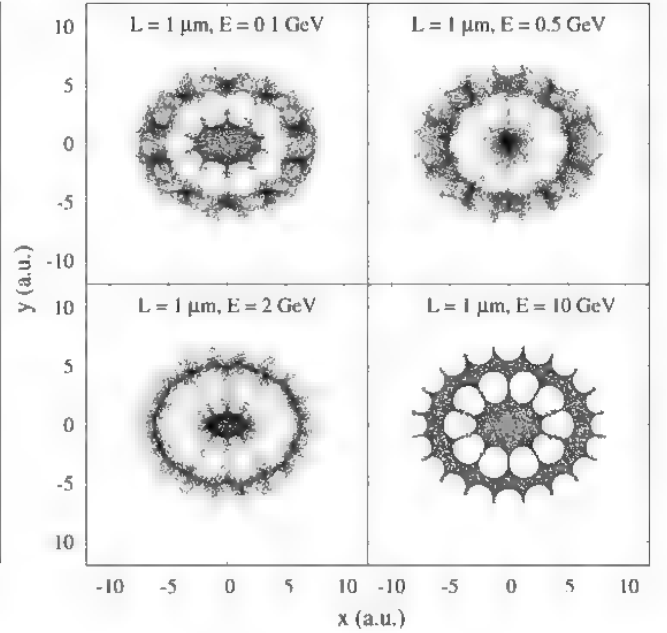
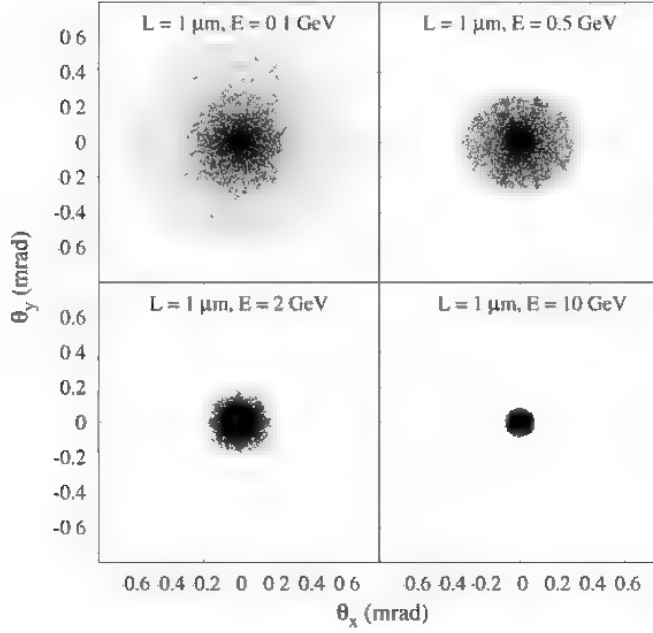
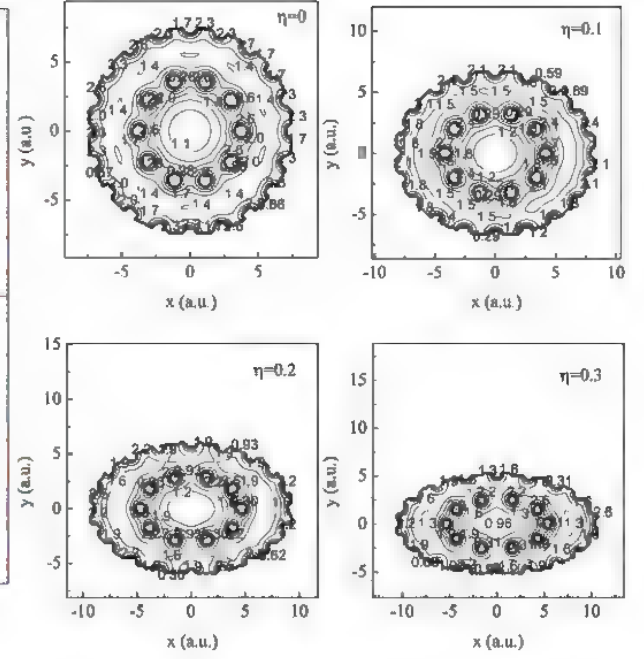
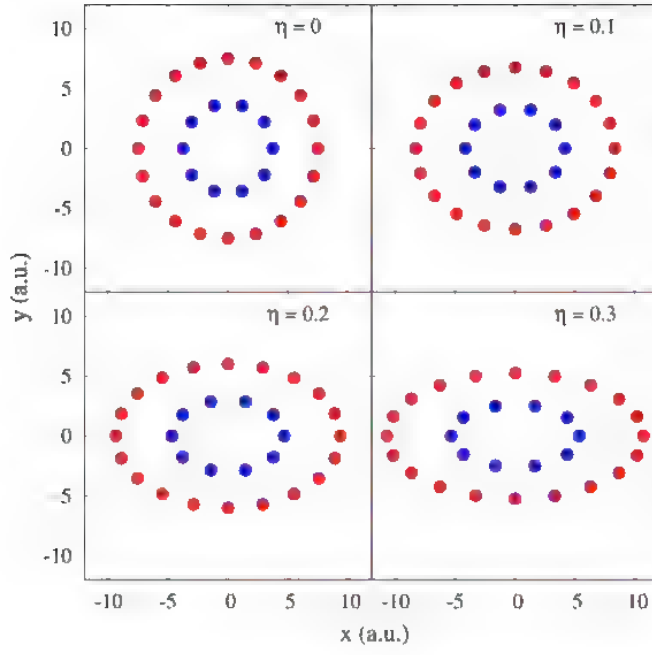


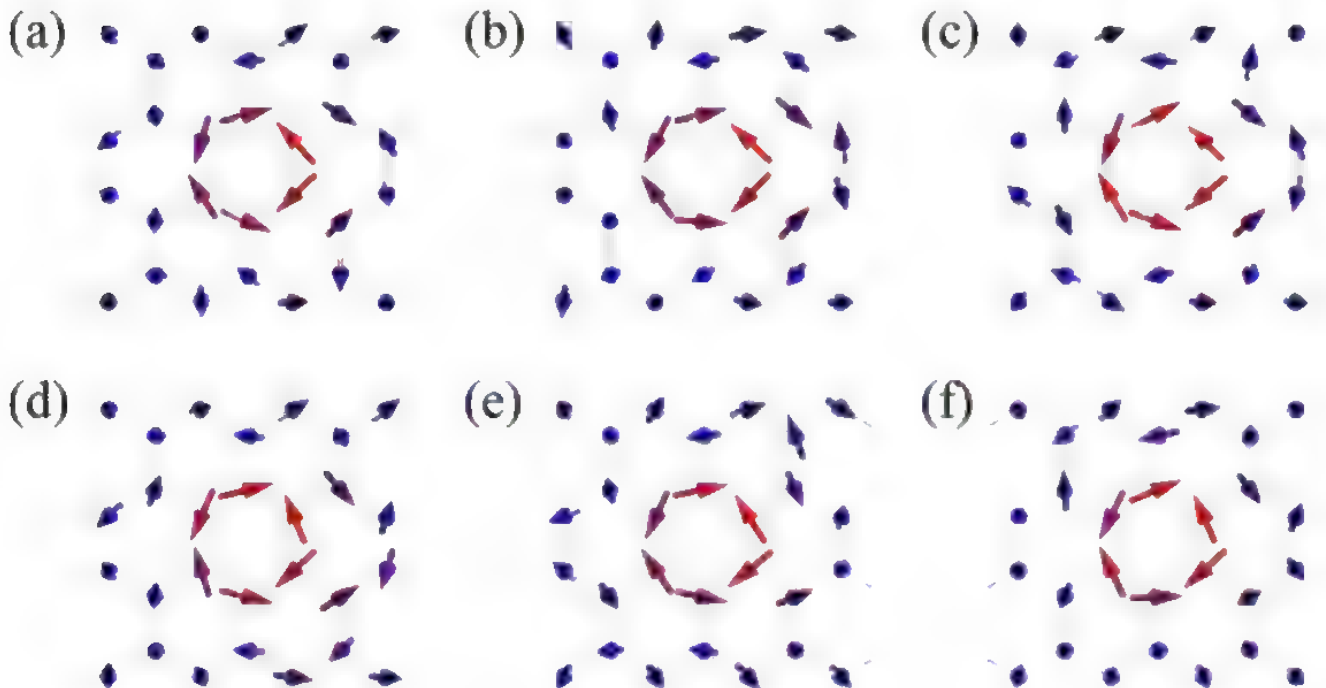
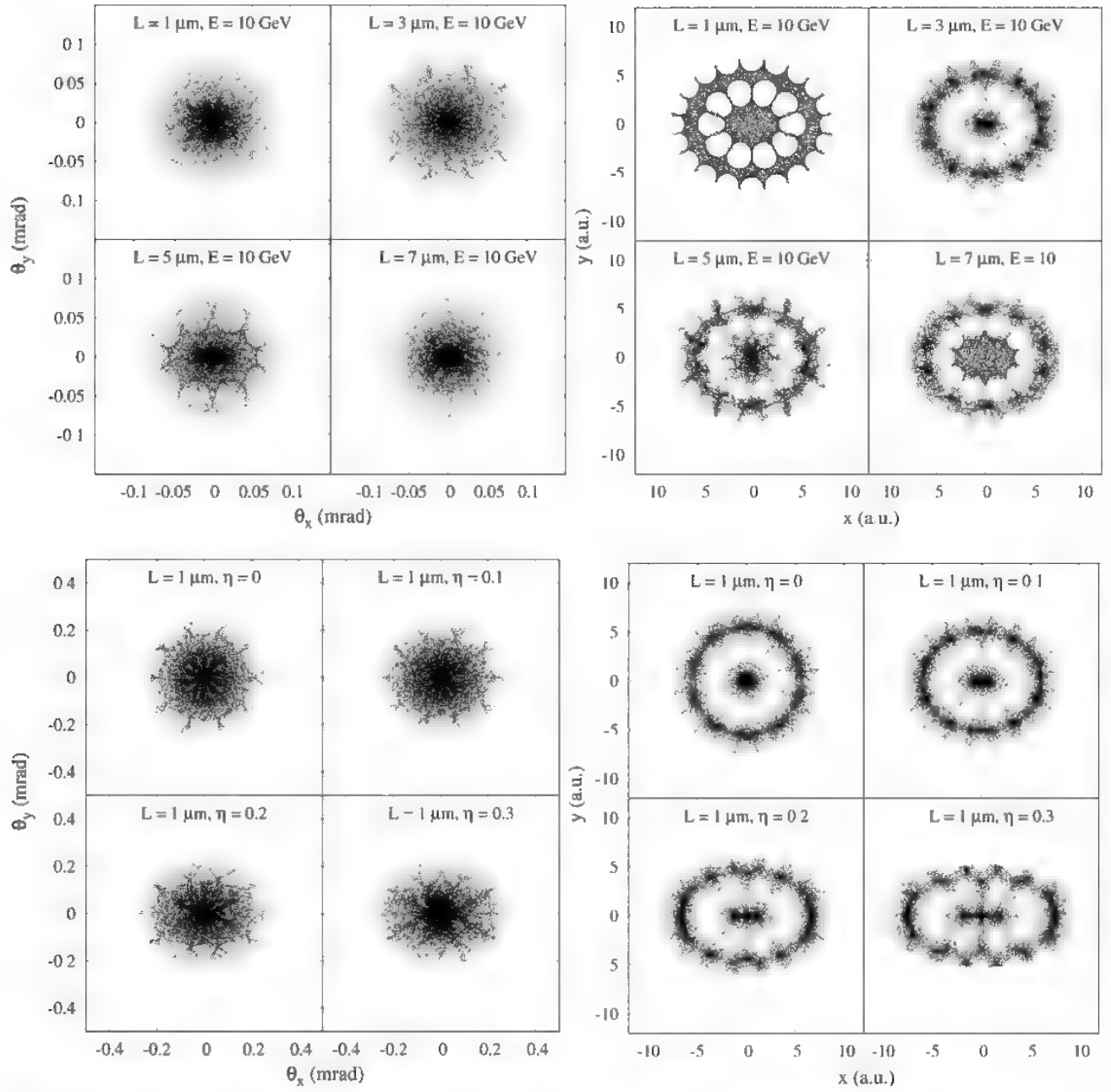
(f)

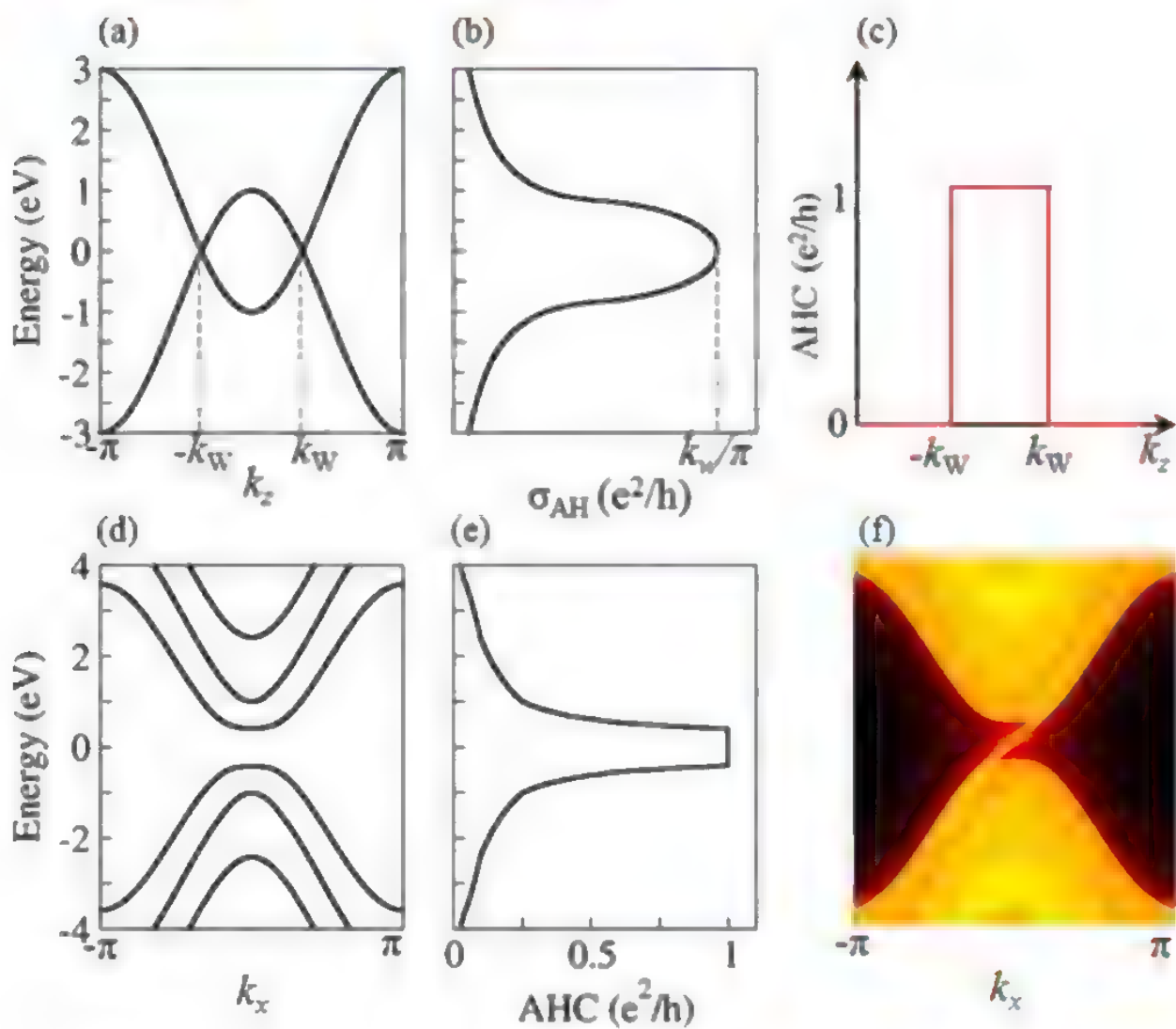
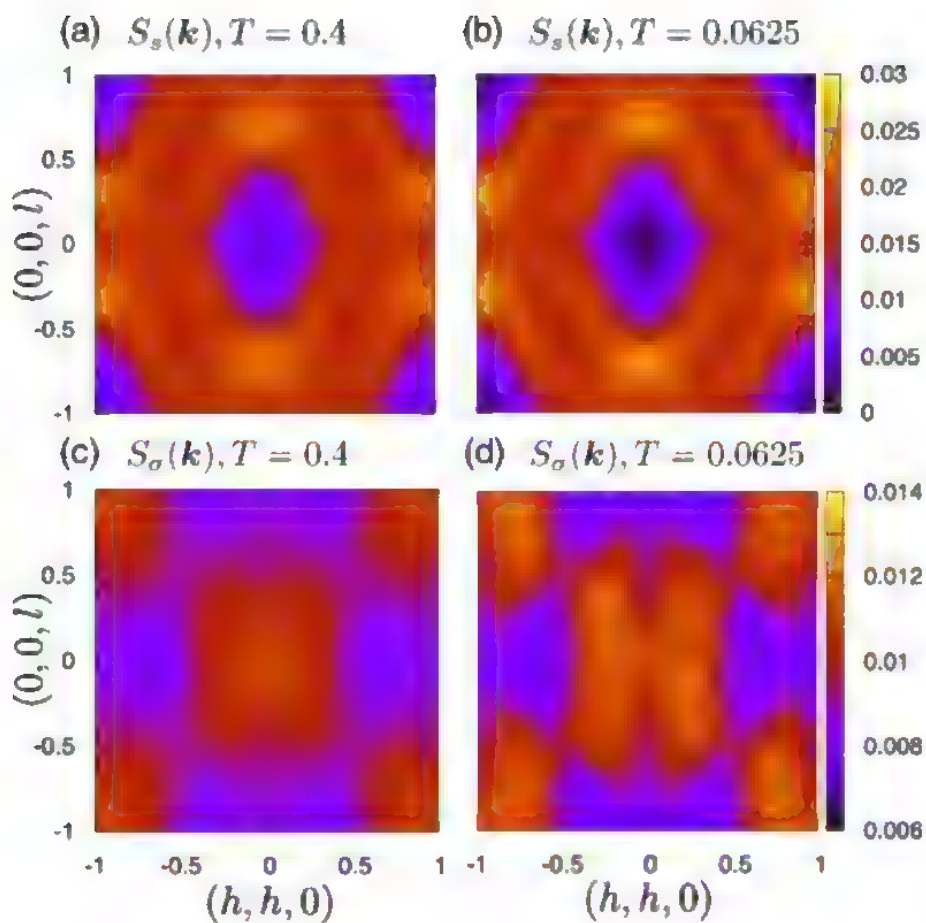




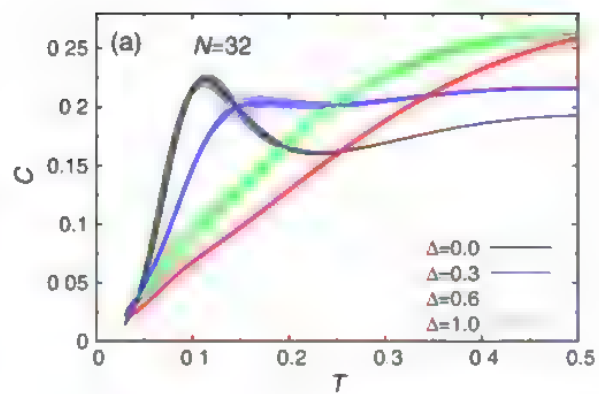
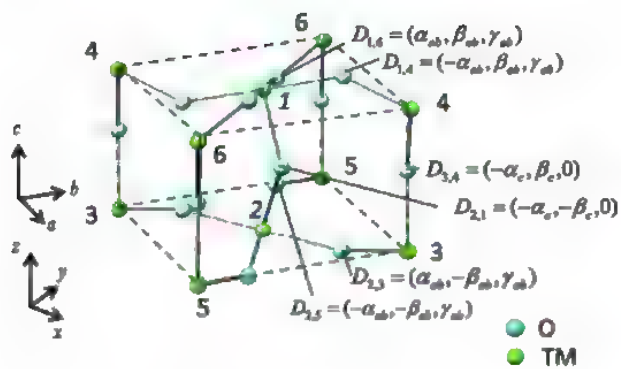




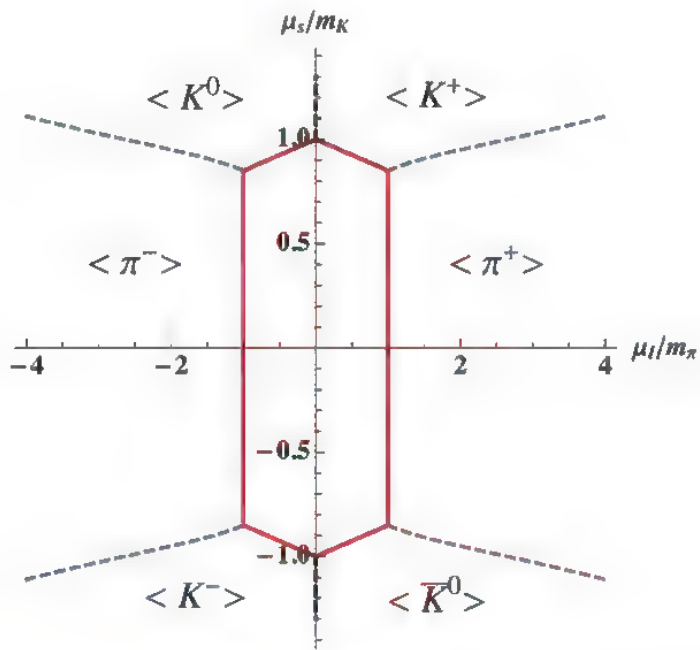
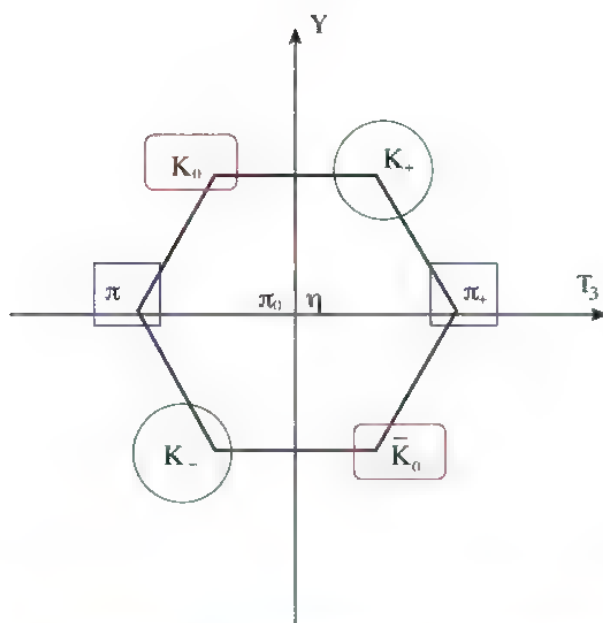
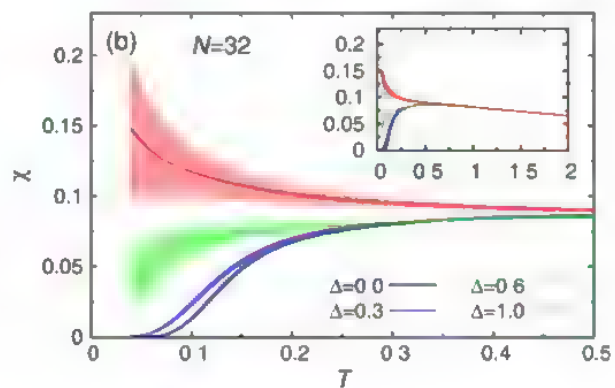
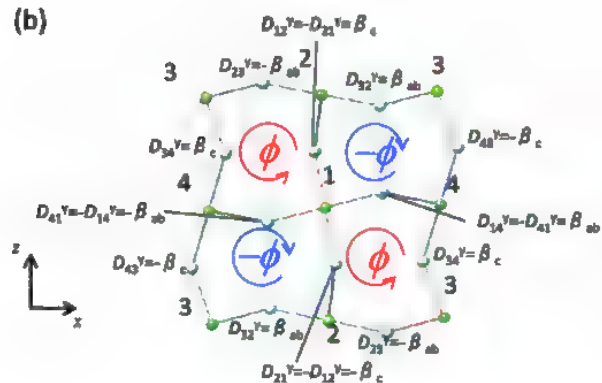




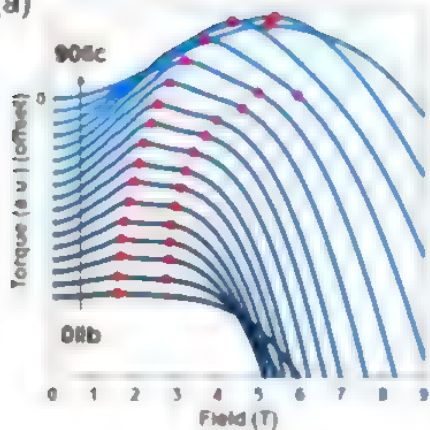
(a)



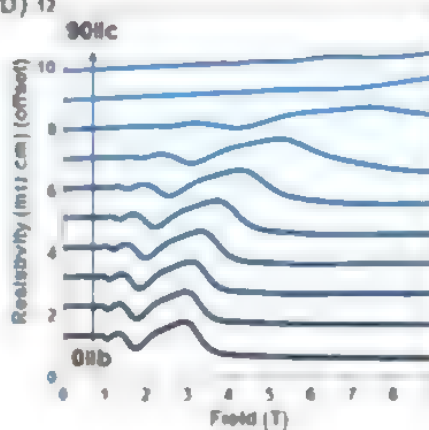
(b)



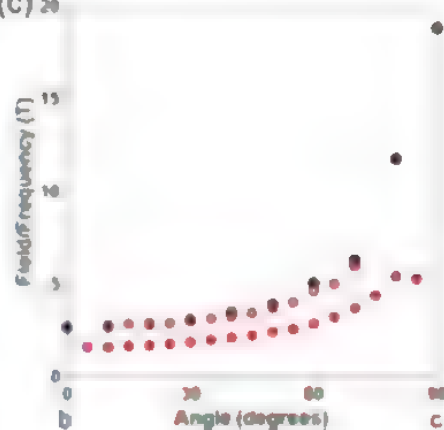
(a)

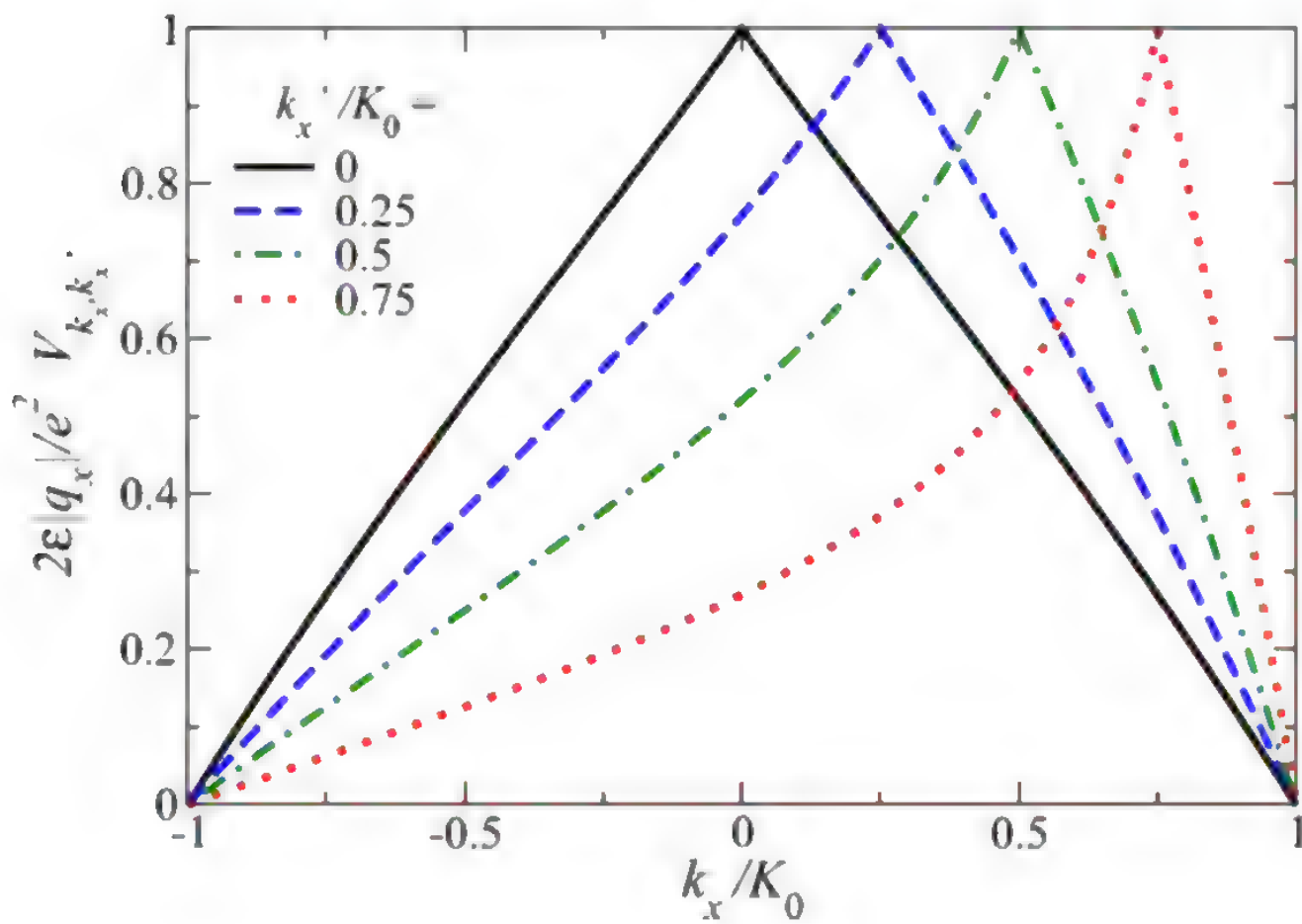
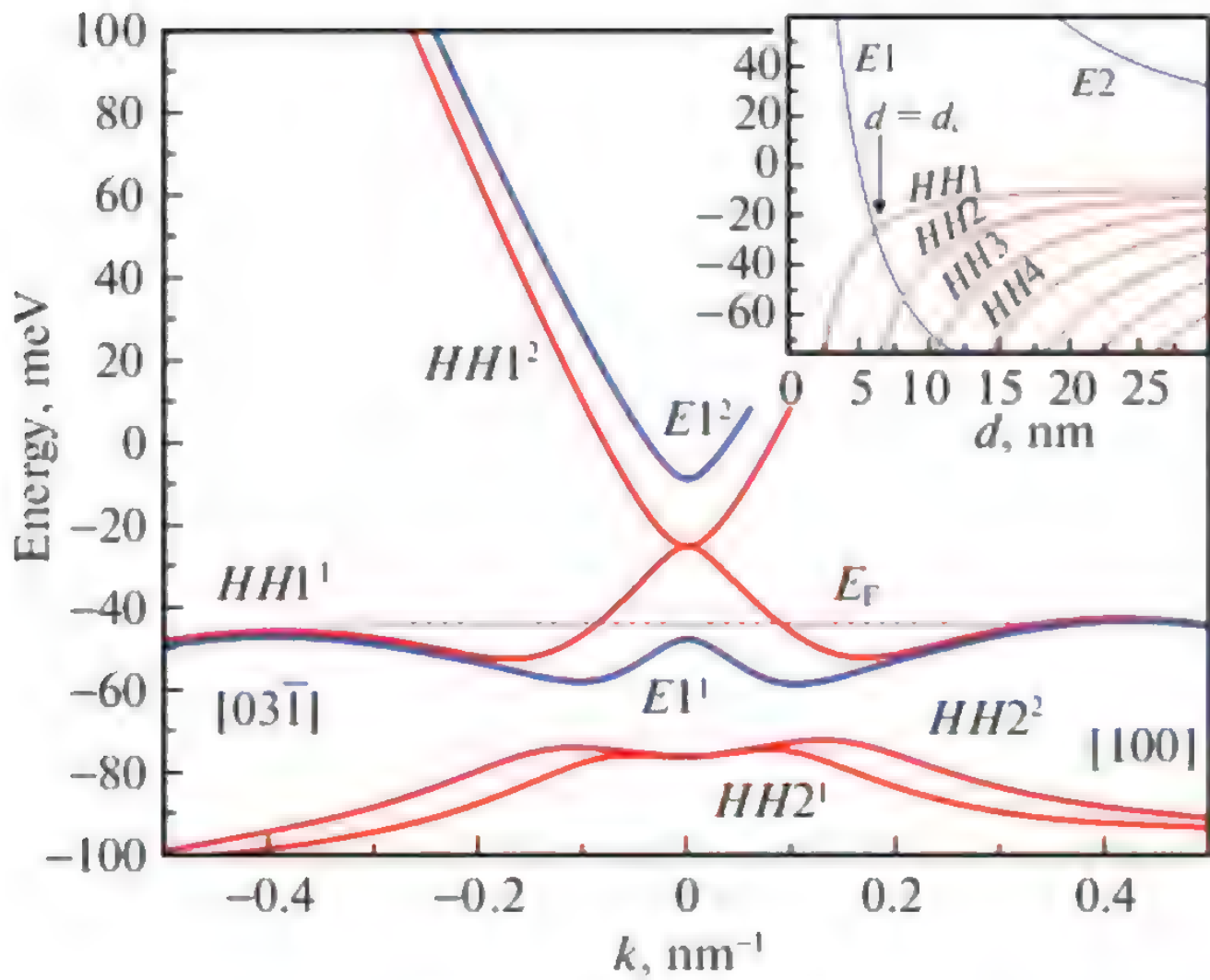


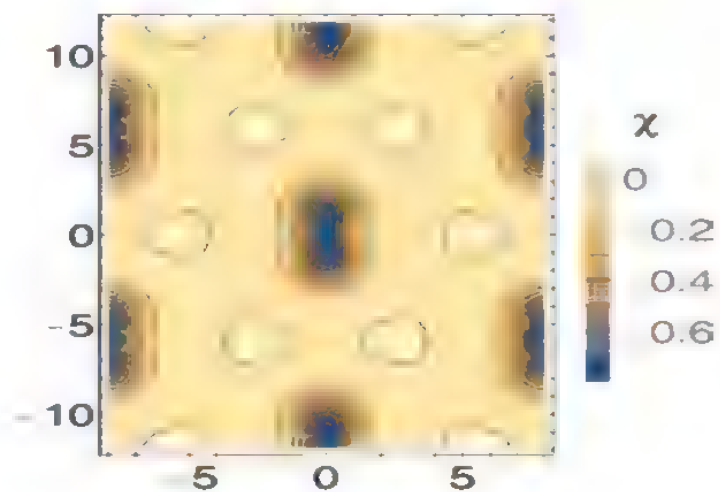
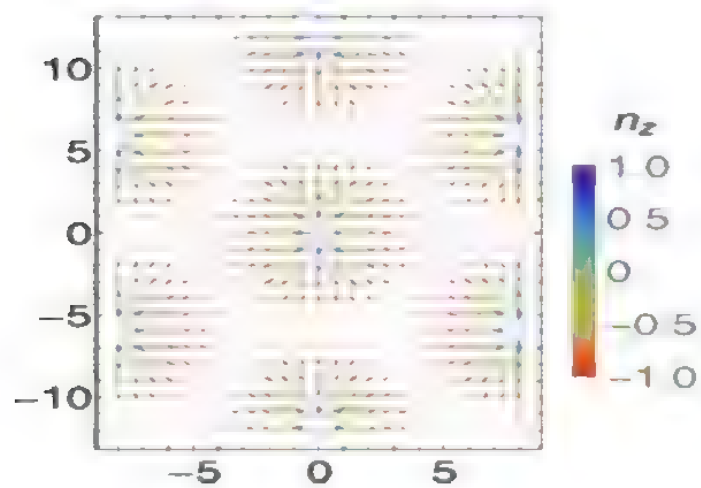
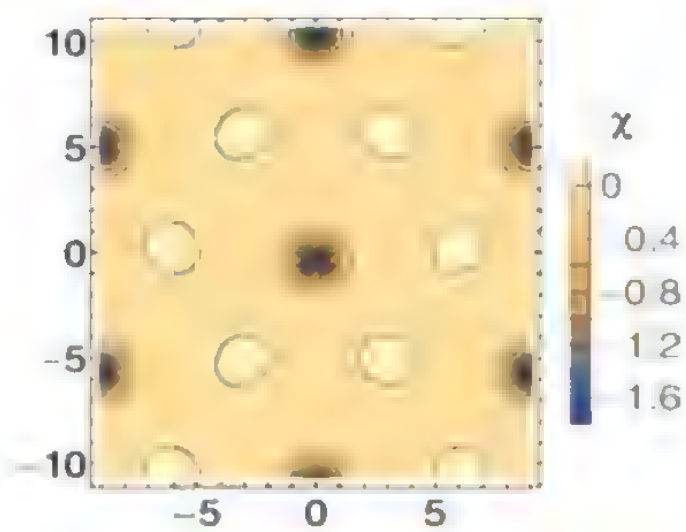
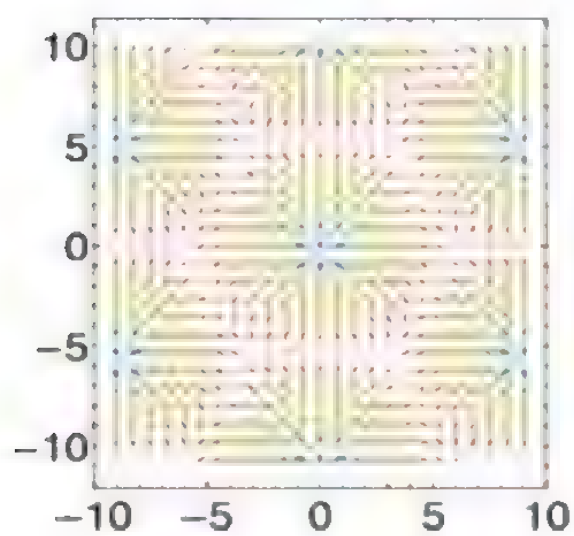
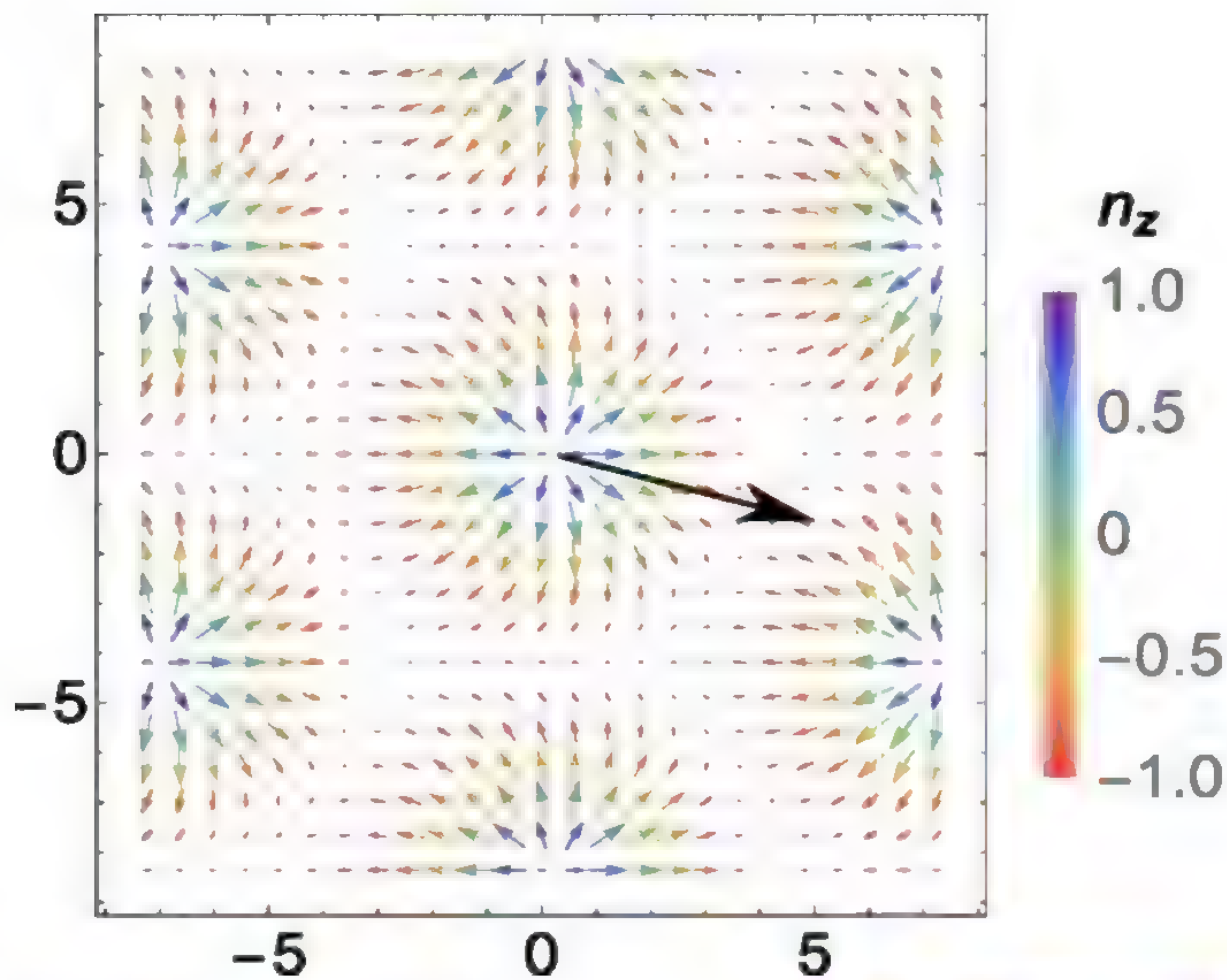
(b)

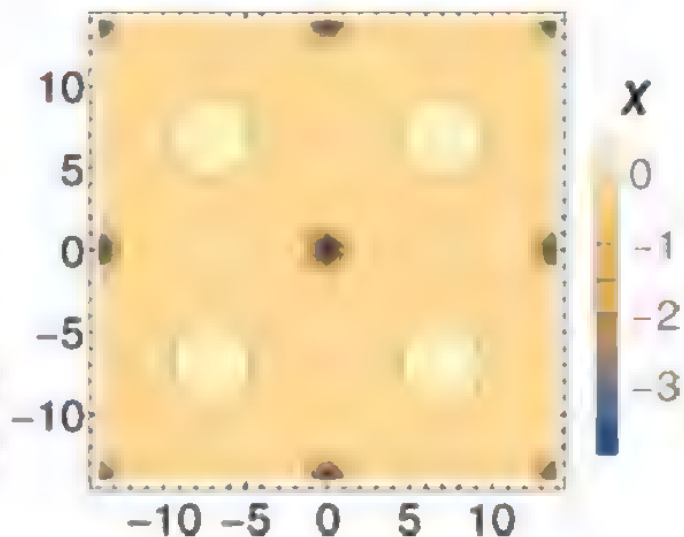
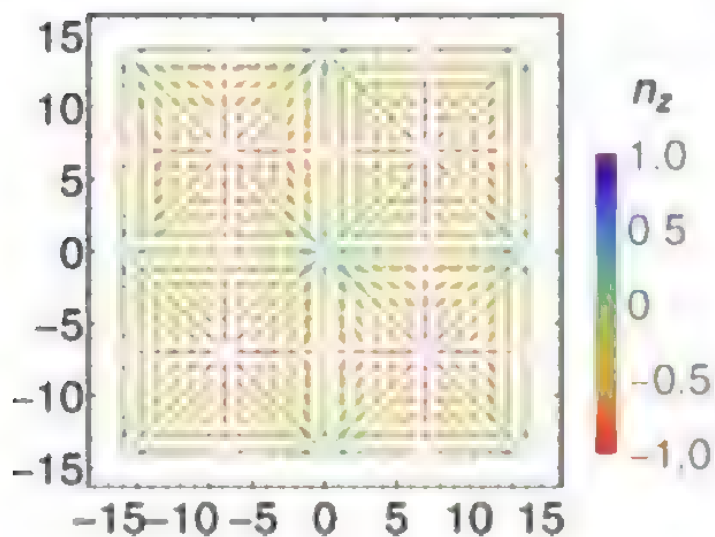
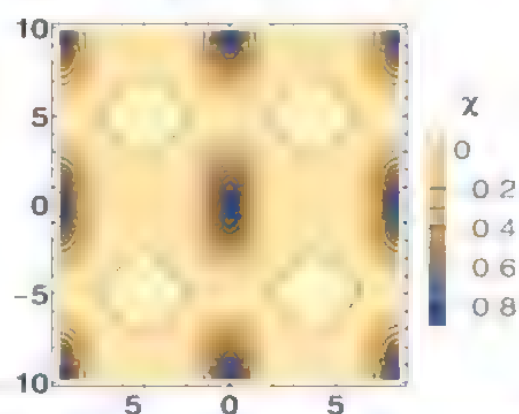
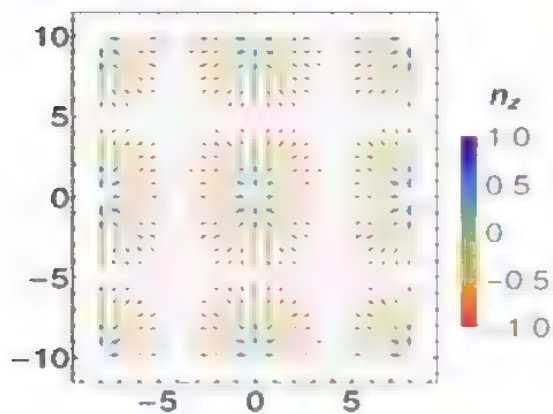
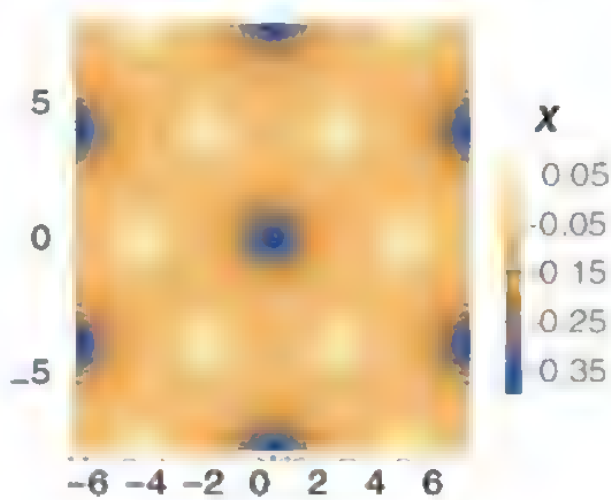
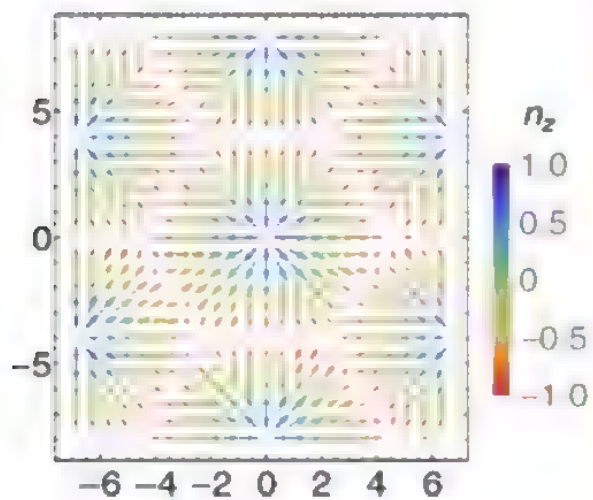
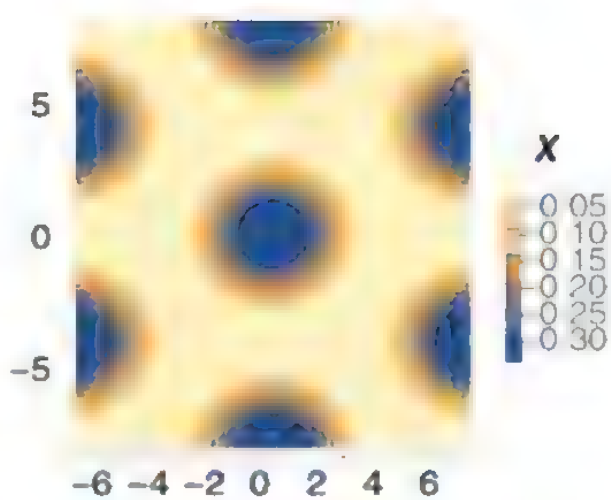
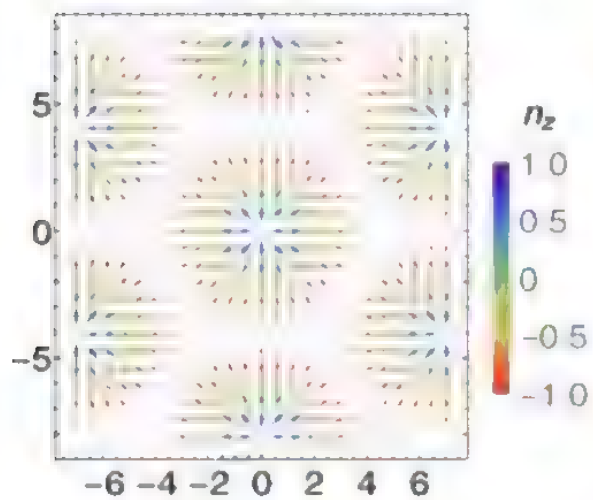


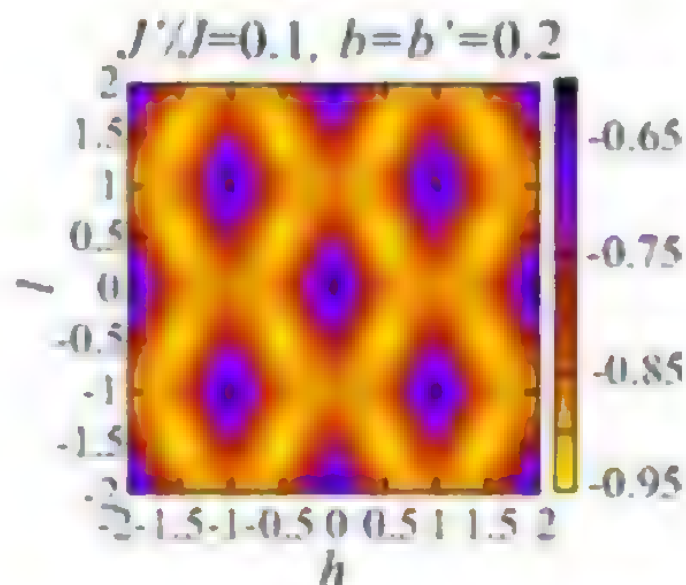
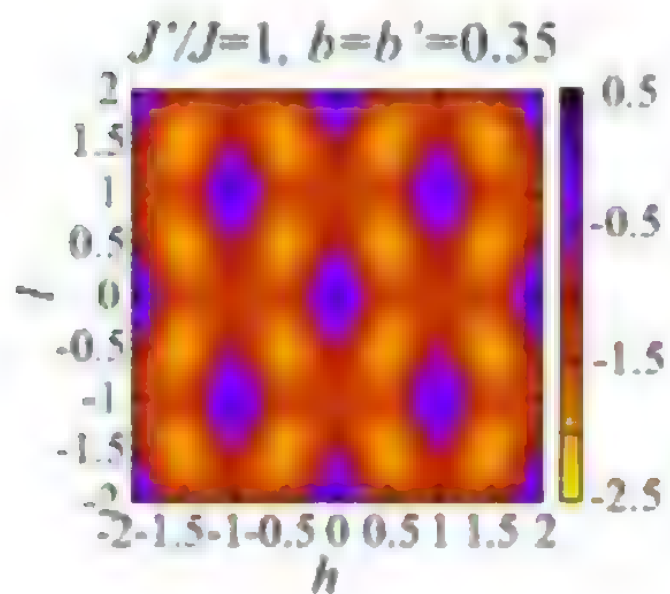
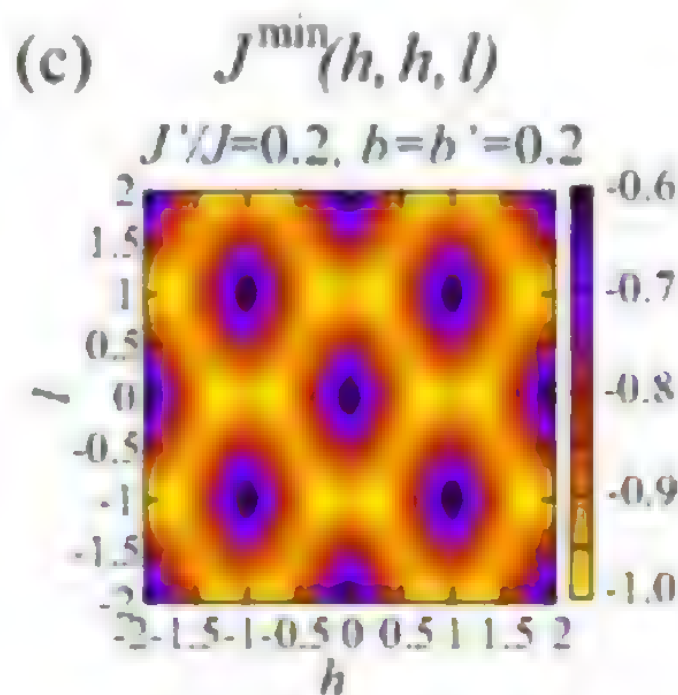
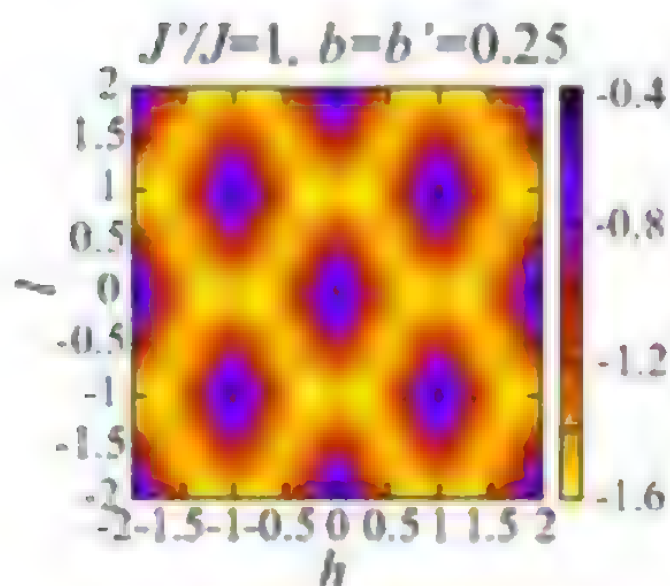
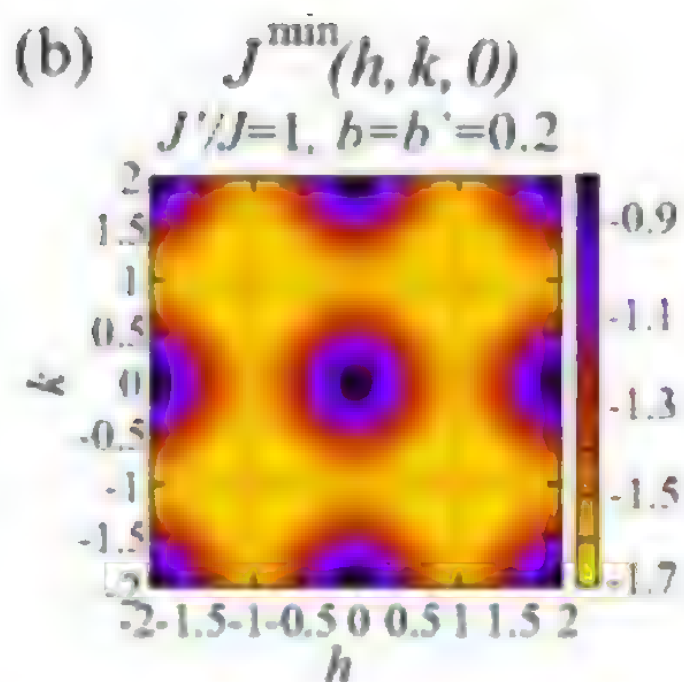
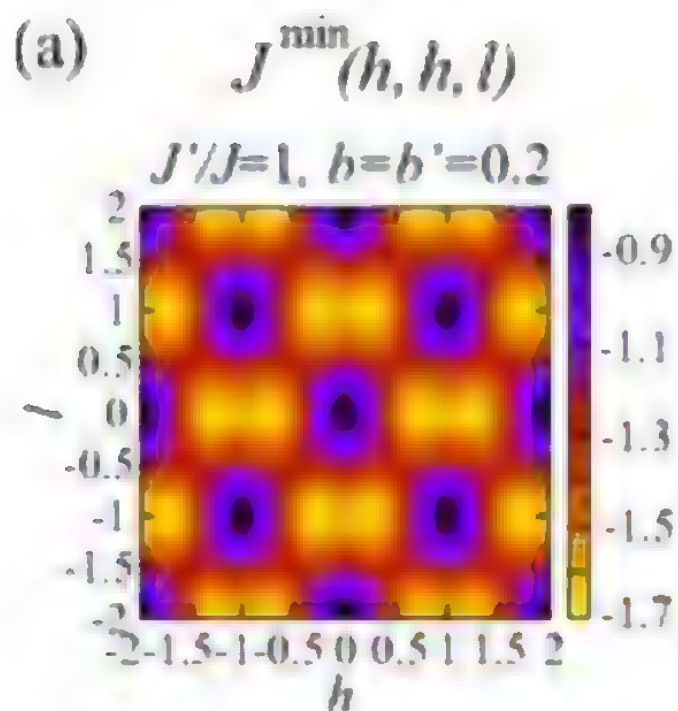
(c)

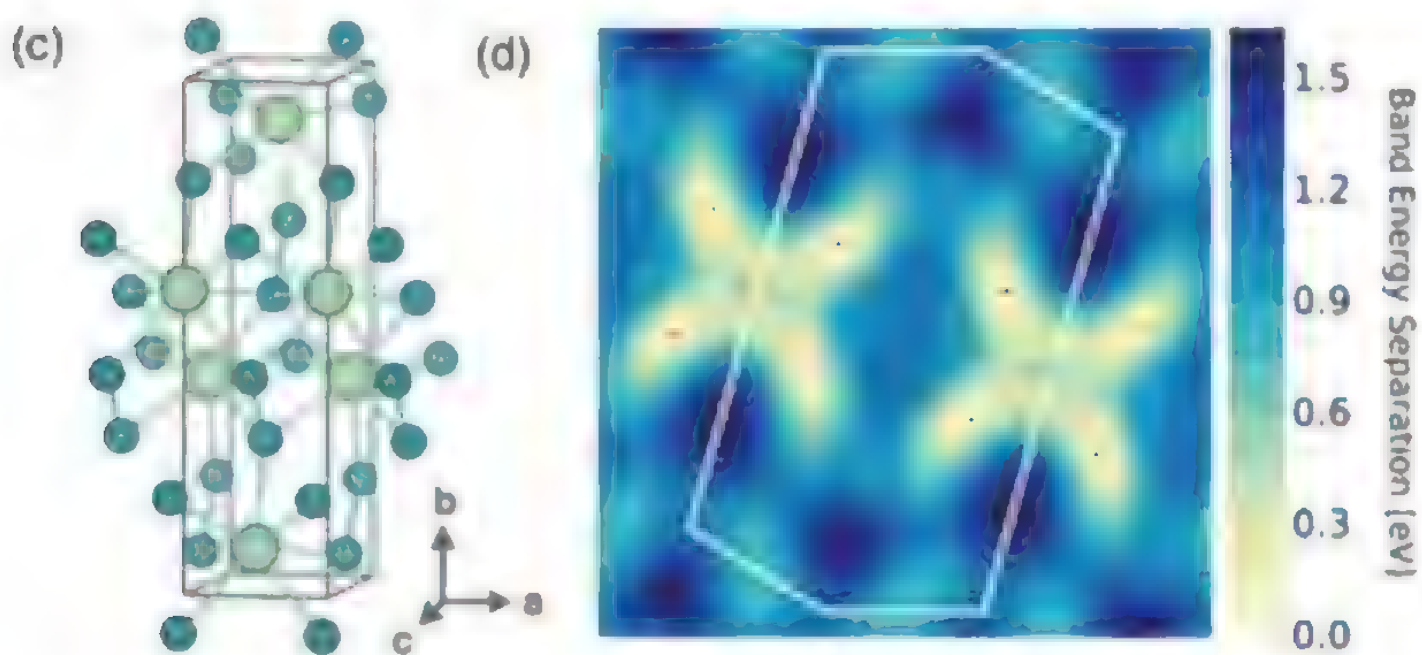
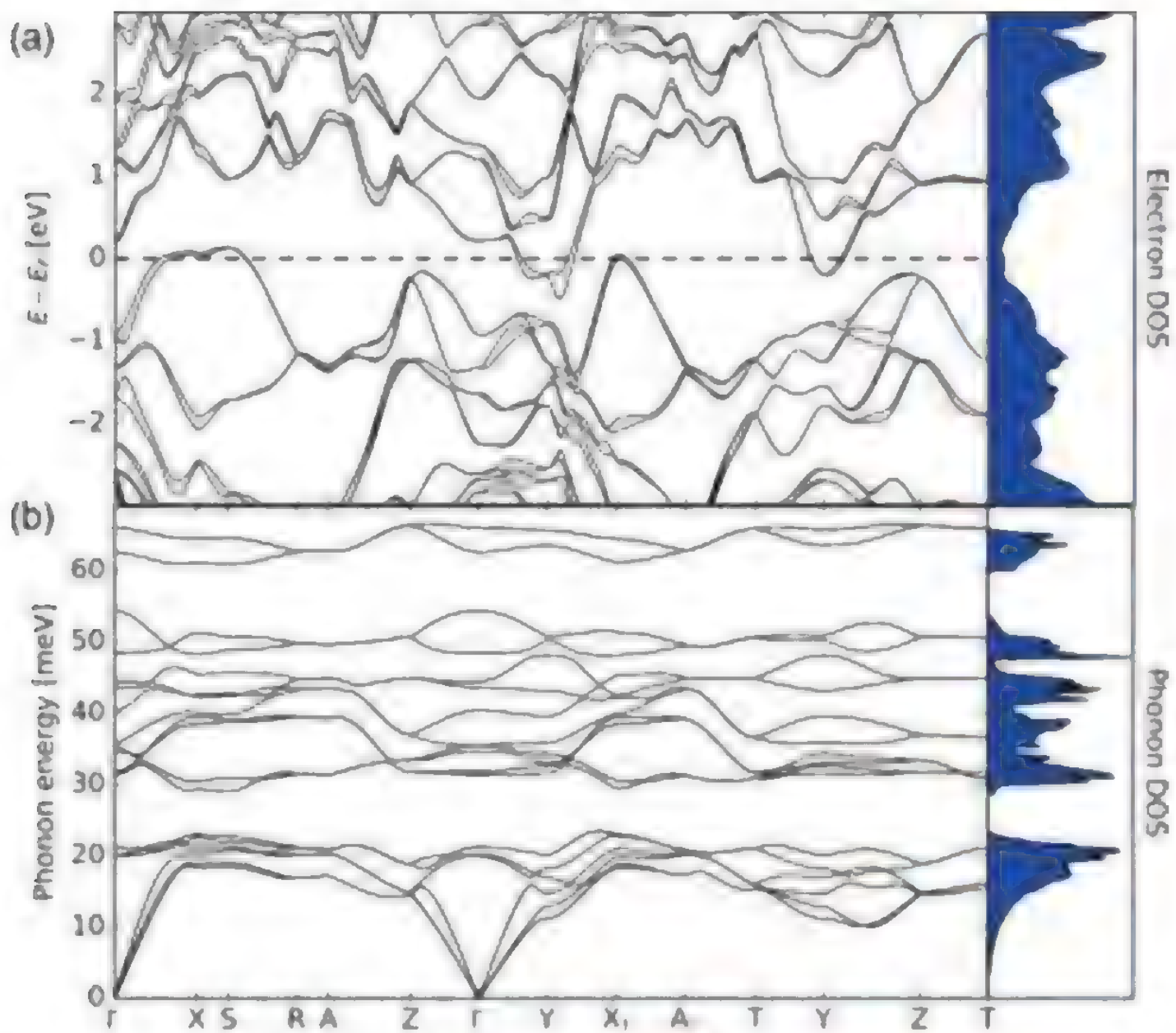


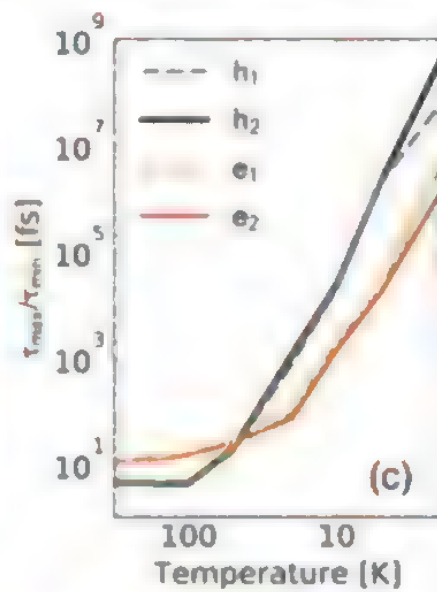
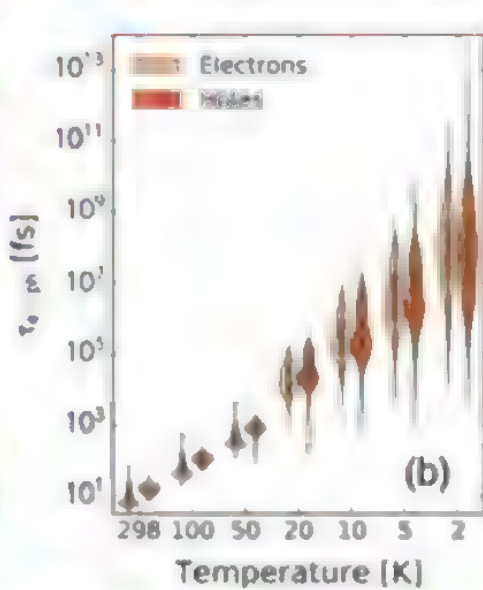
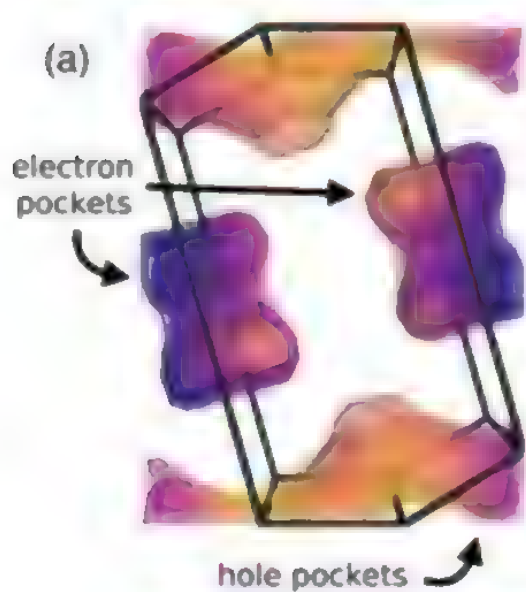
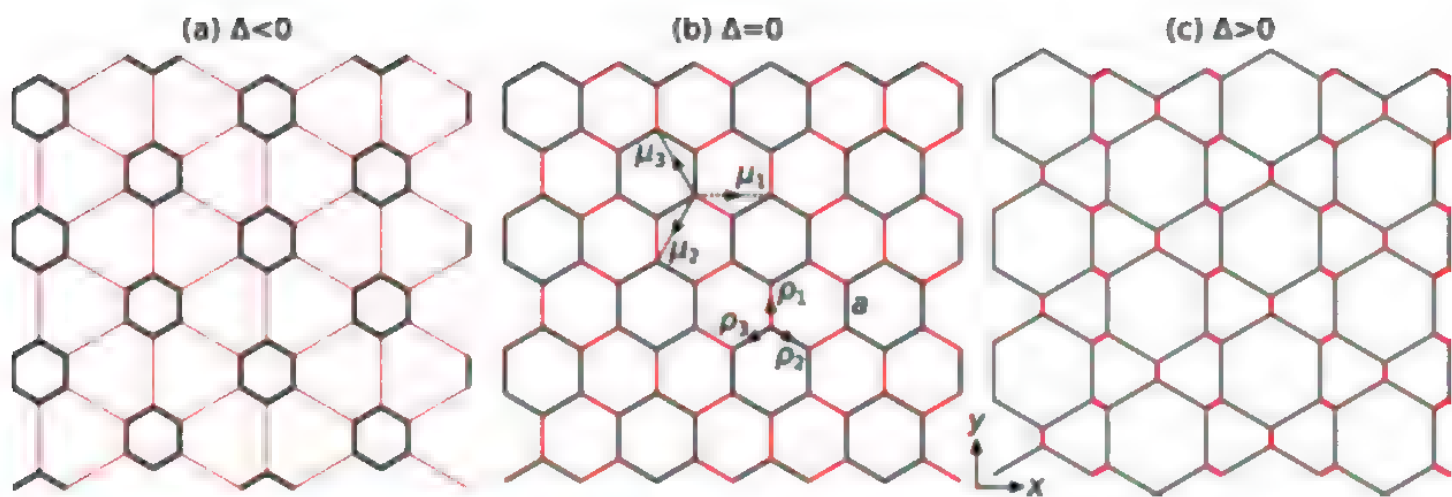


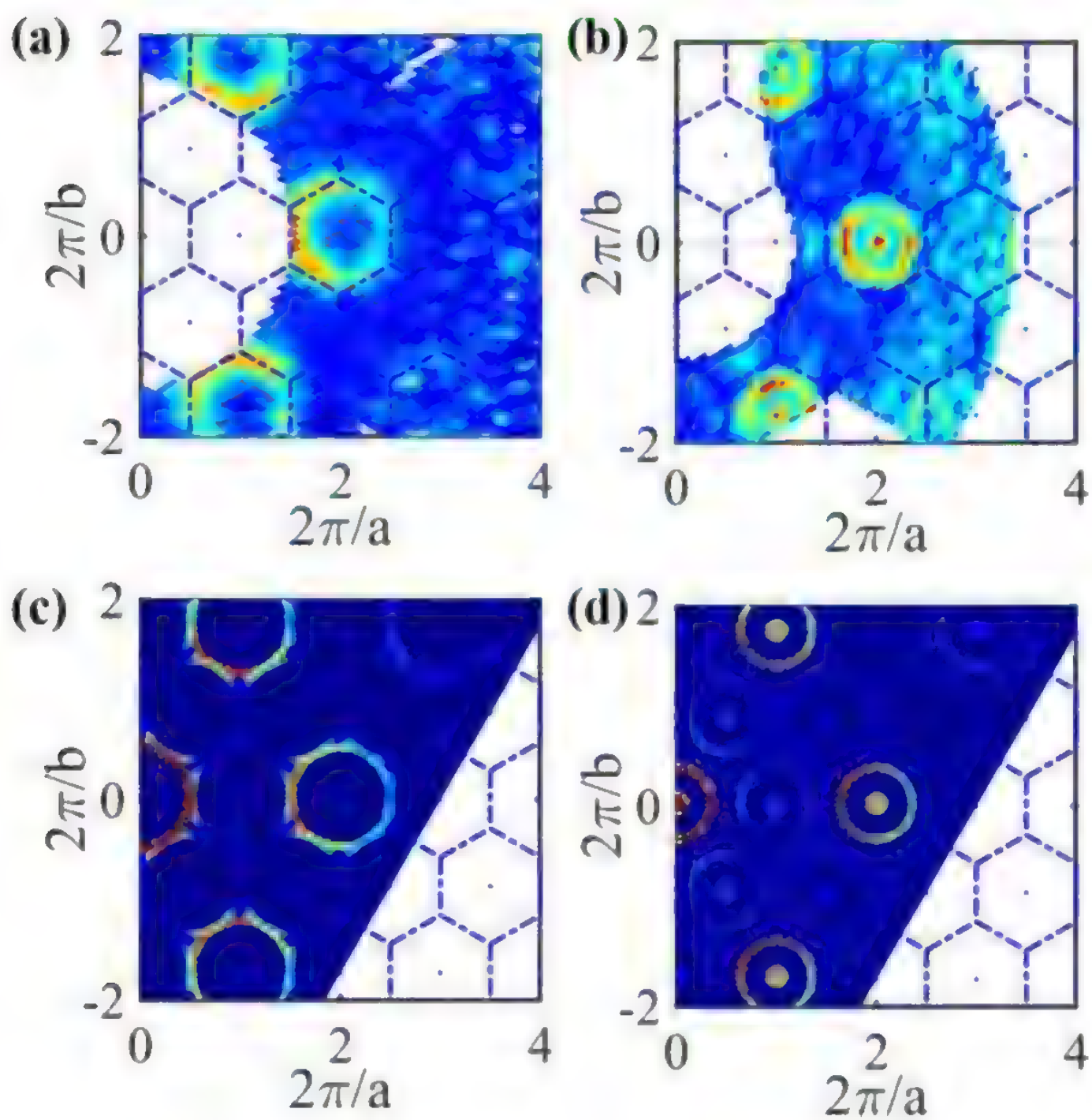
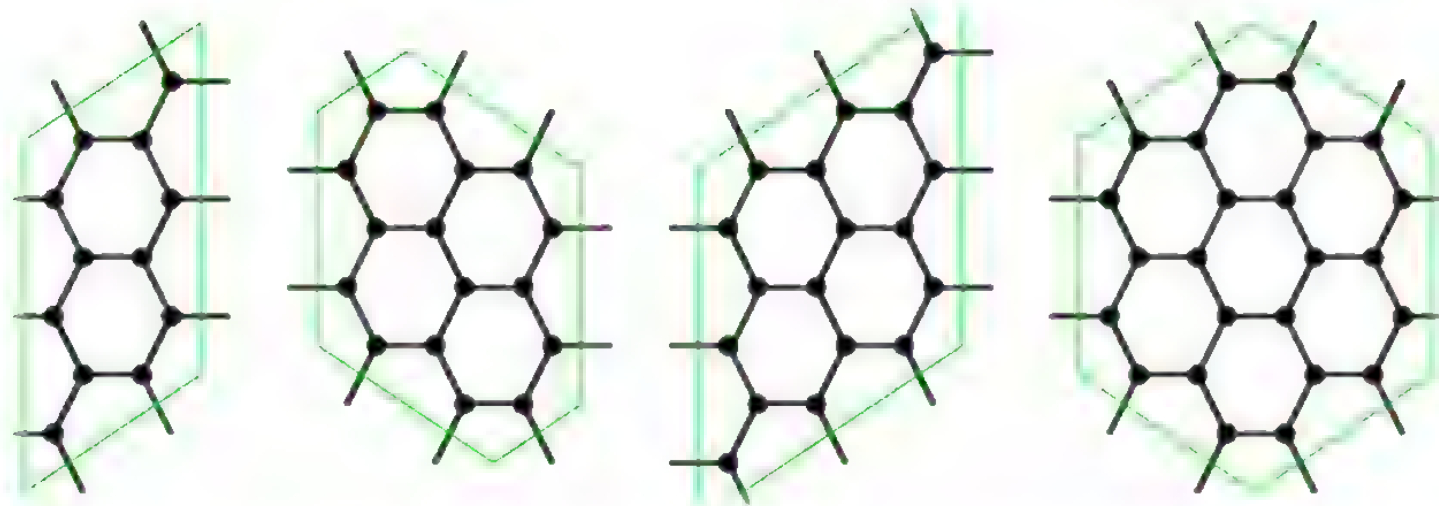












(a)



$5e-12$ s

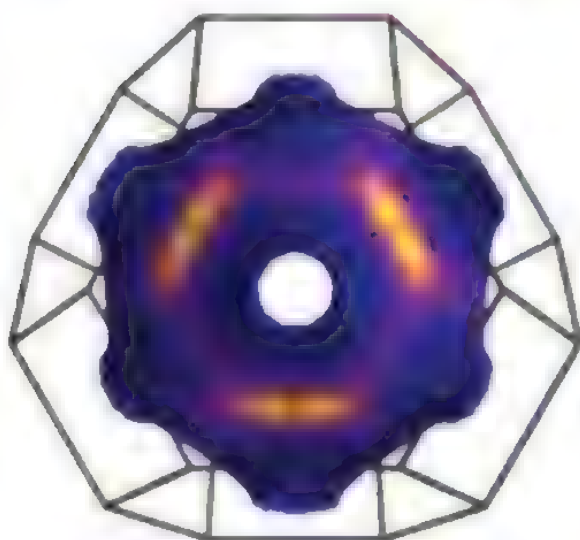
$1e-8$ s



$6e-11$ s

$2e-5$ s

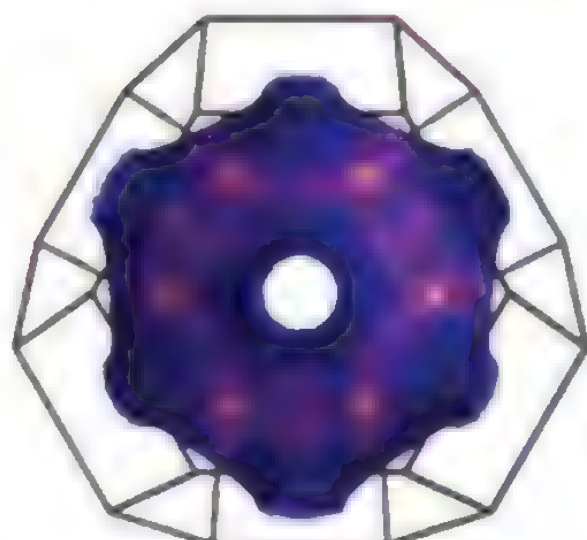
(b)



$4e-10$ s

$4e-8$ s

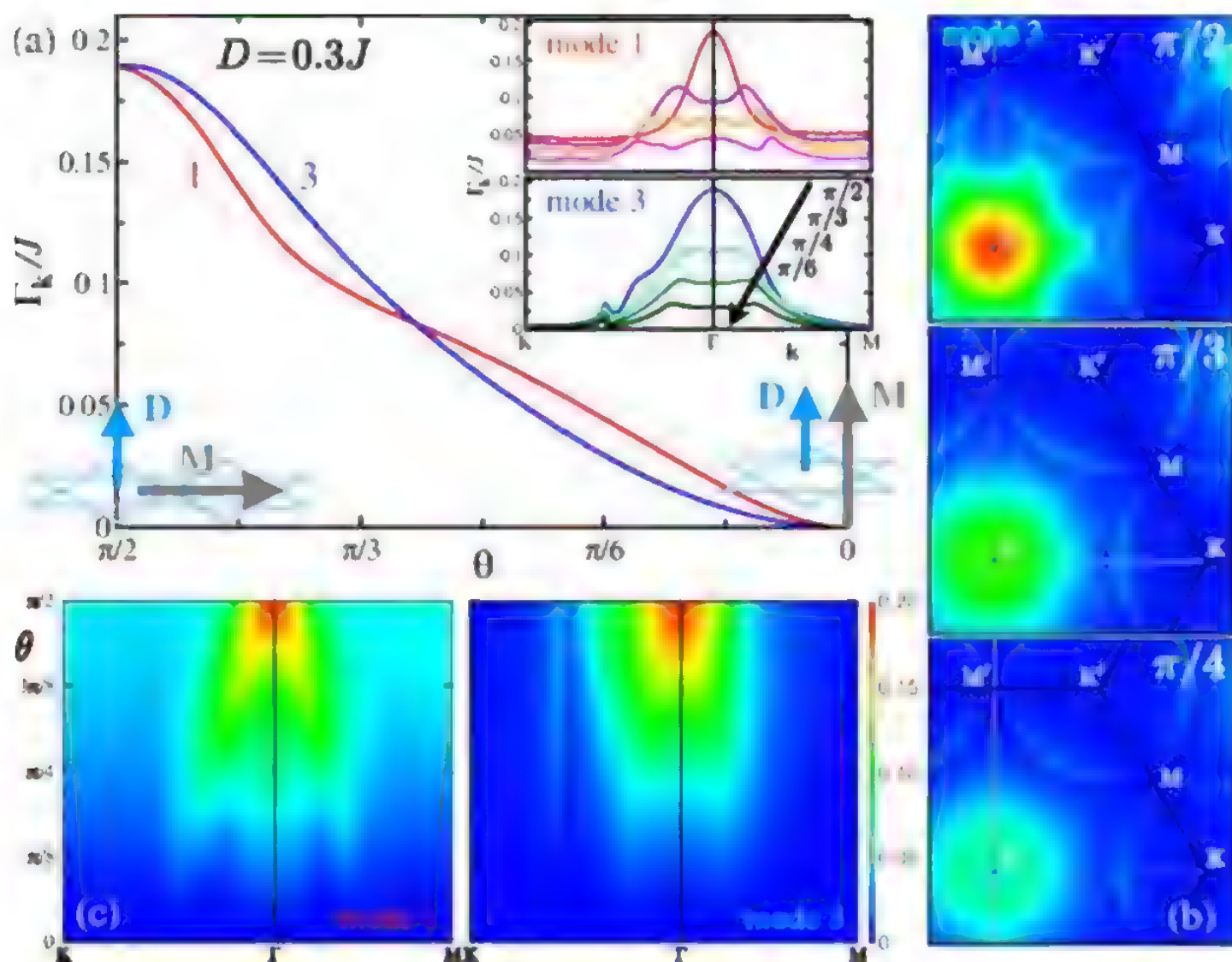
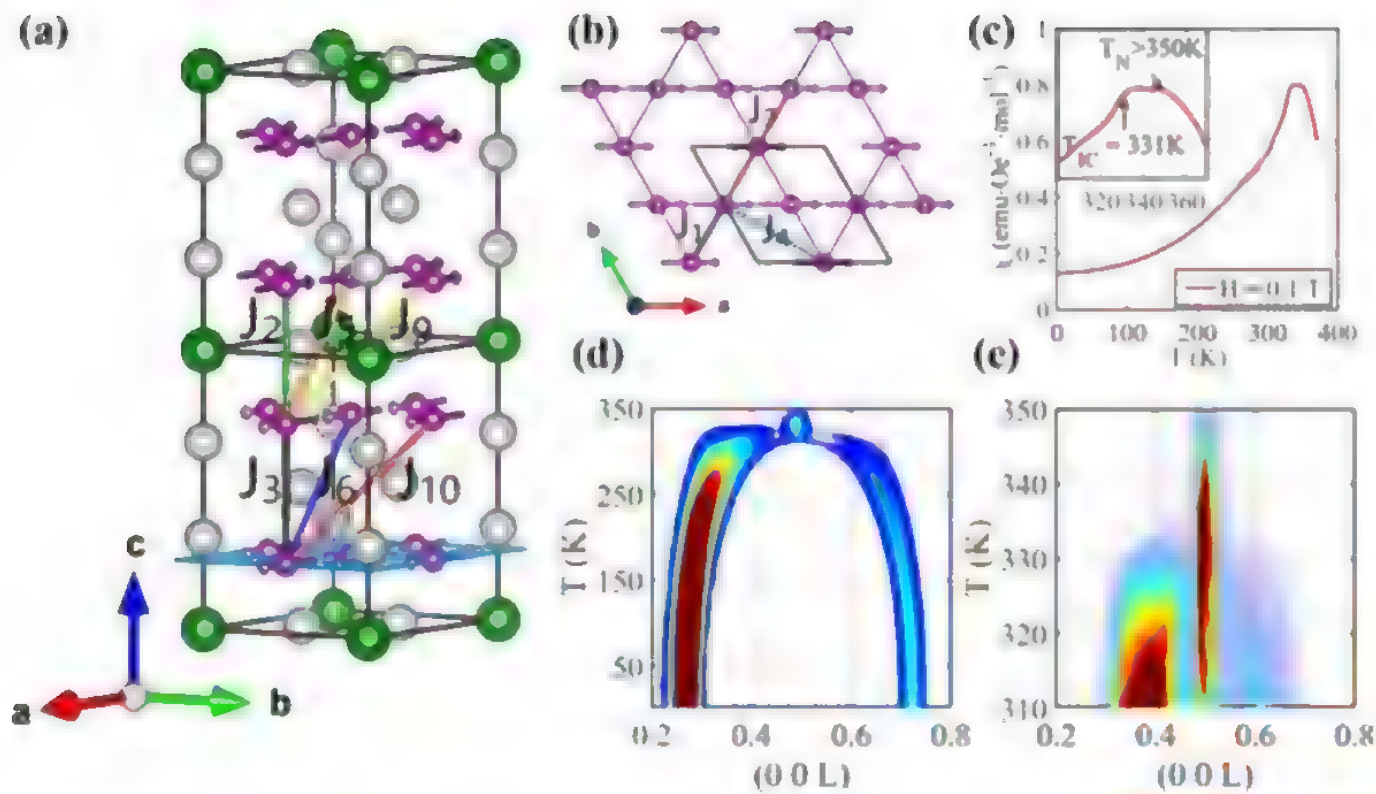
10K

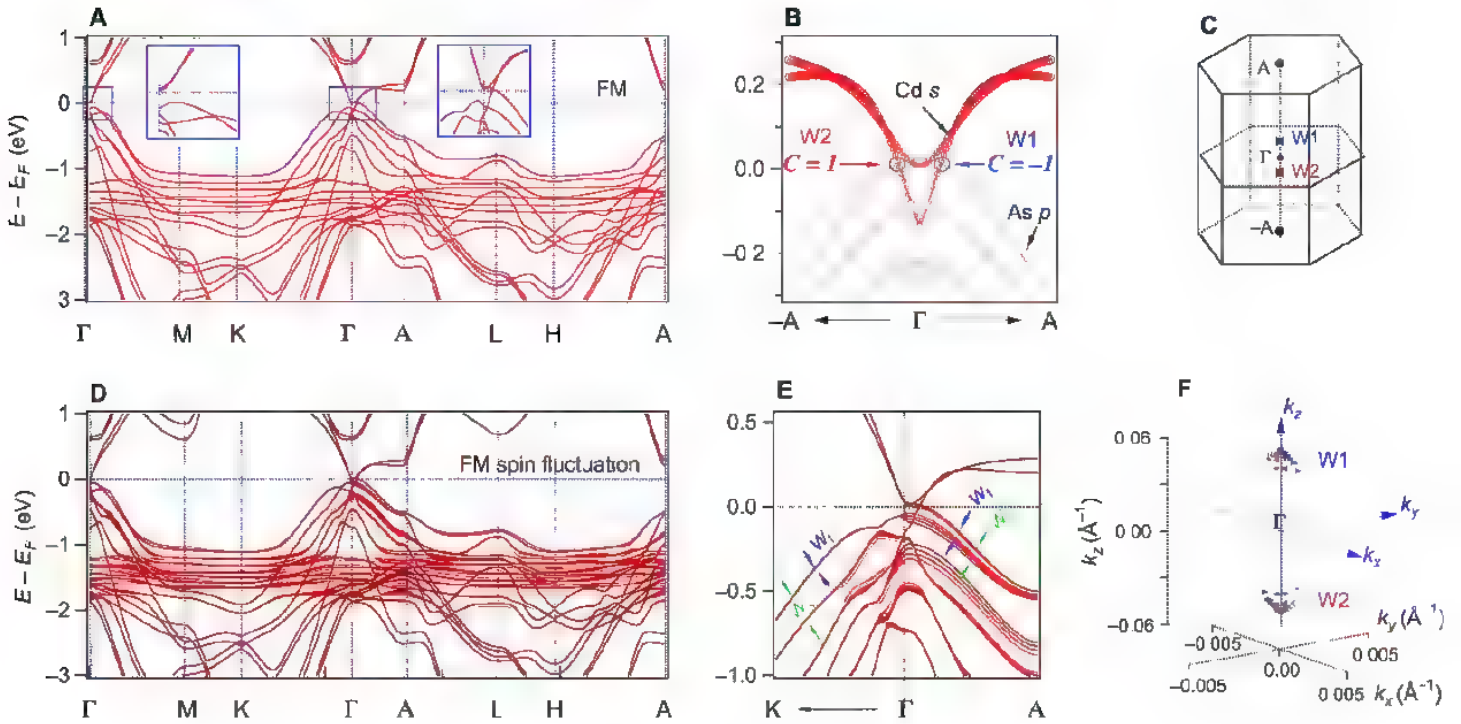
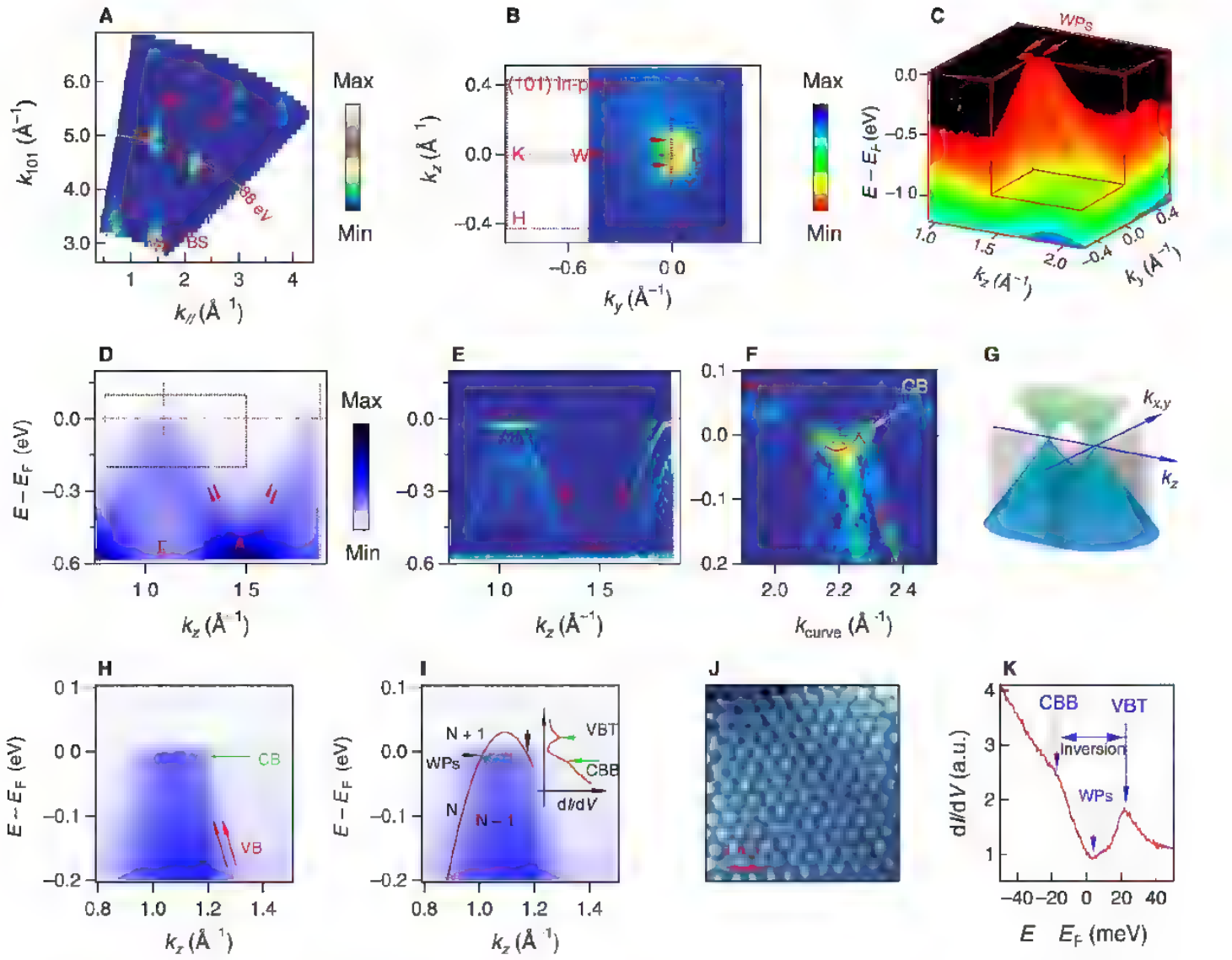


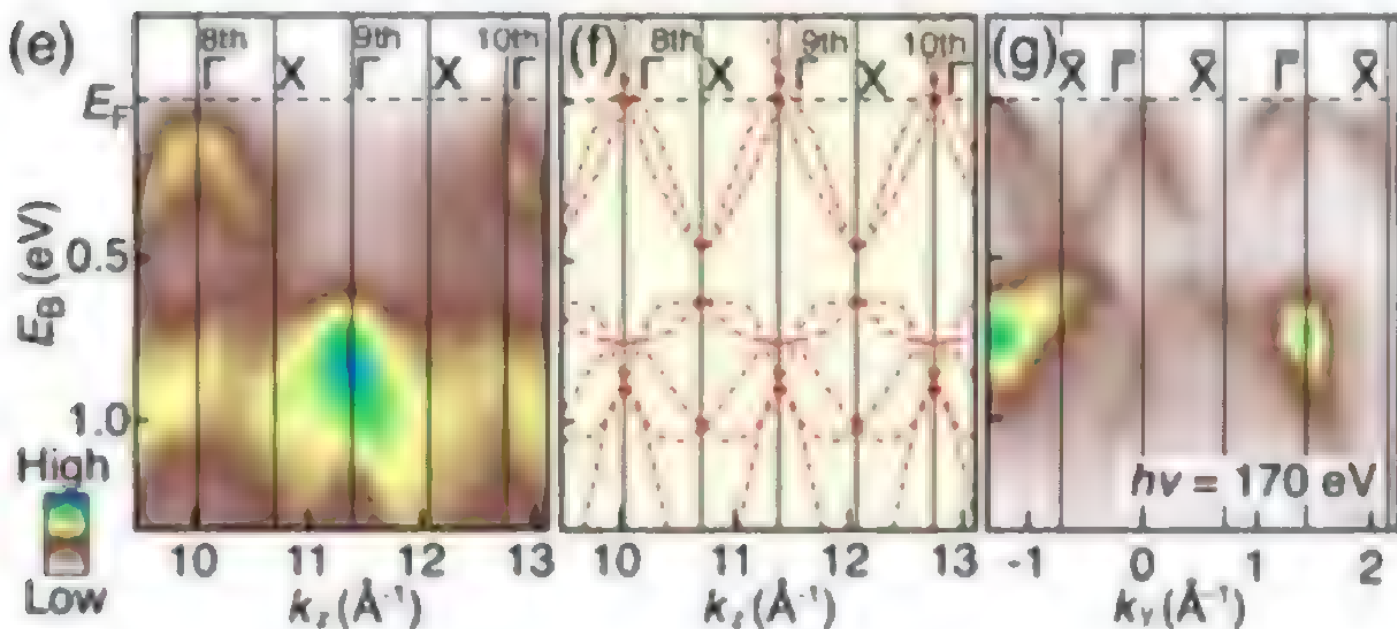
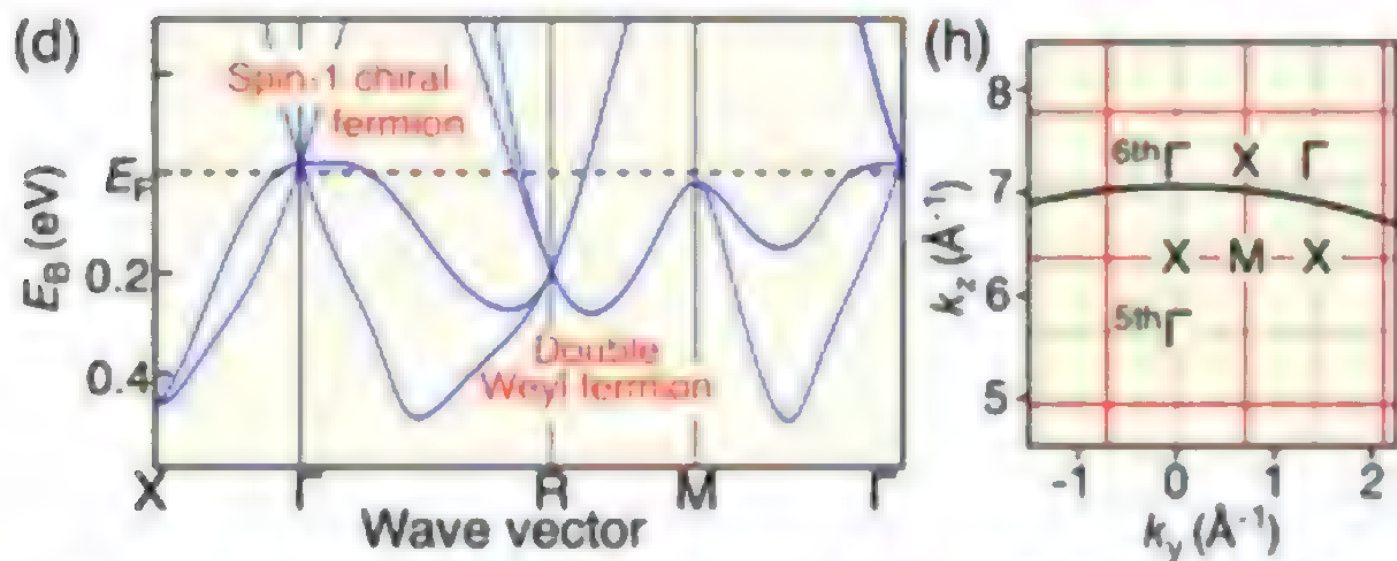
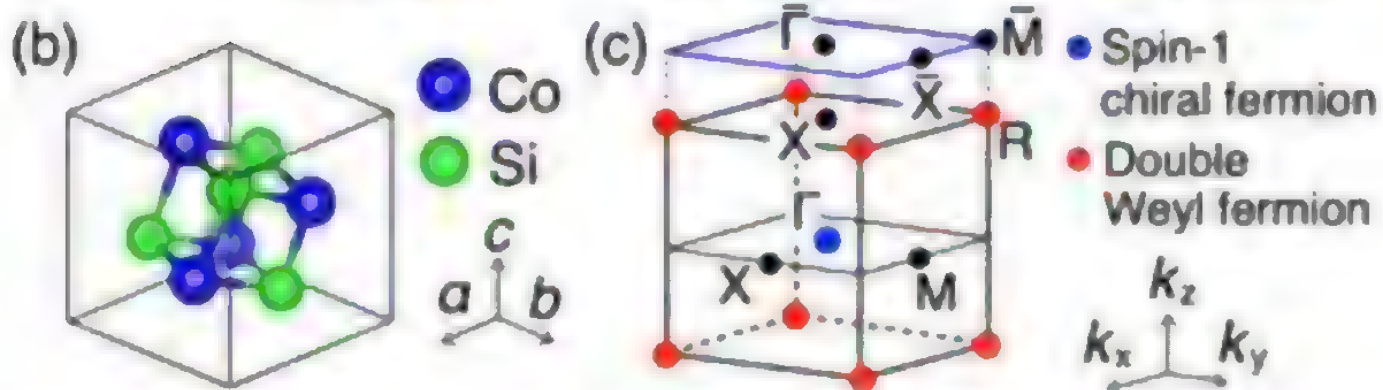
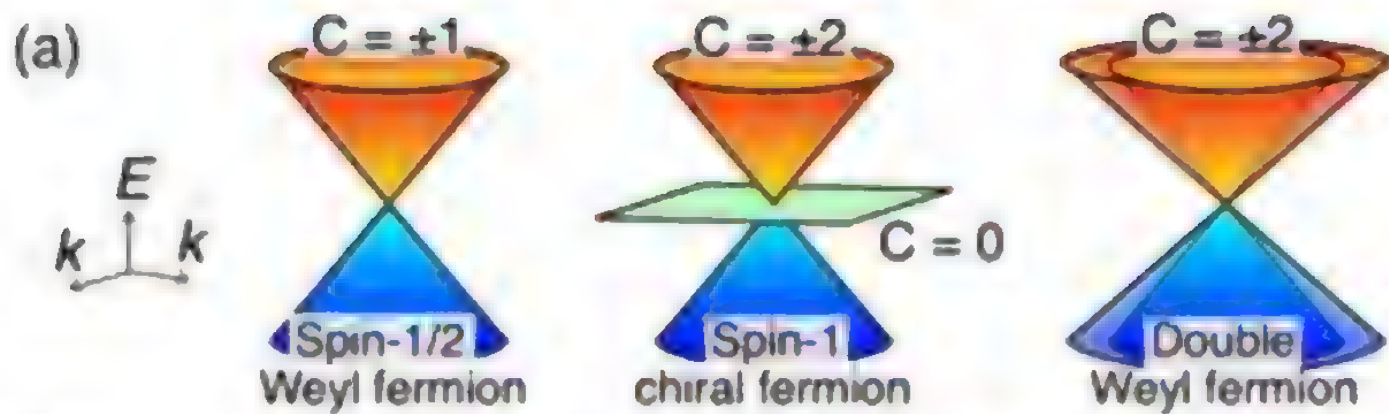
$2e-7$ s

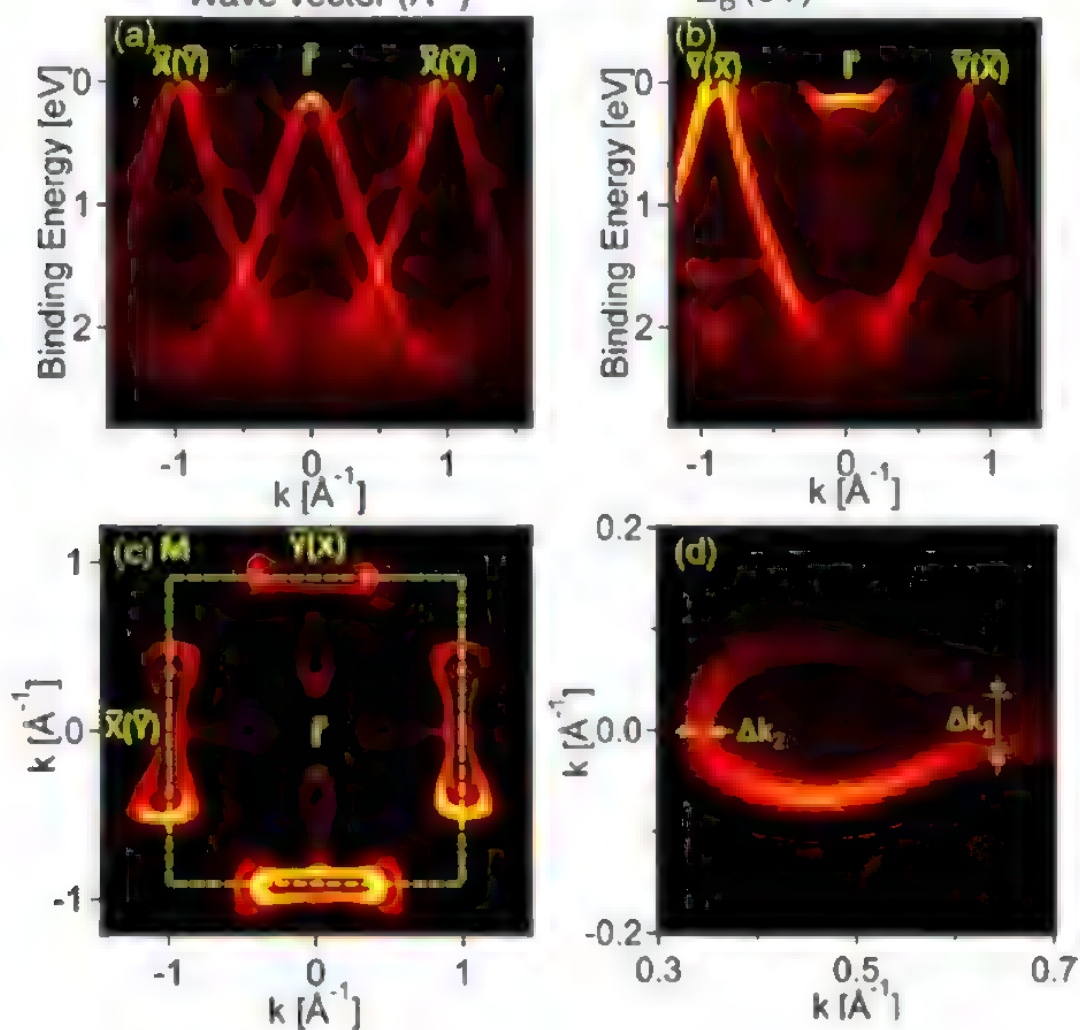
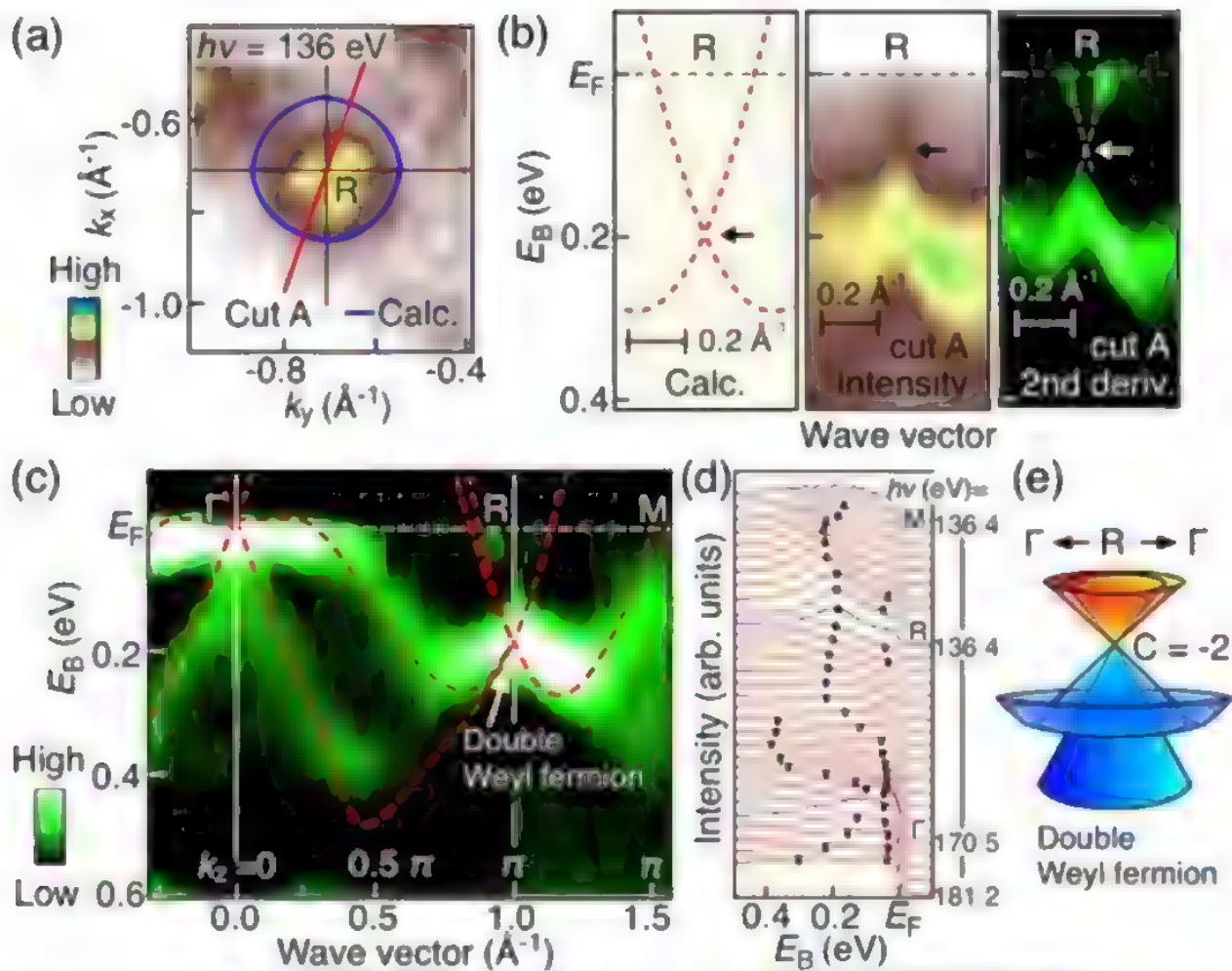
$3e-5$ s

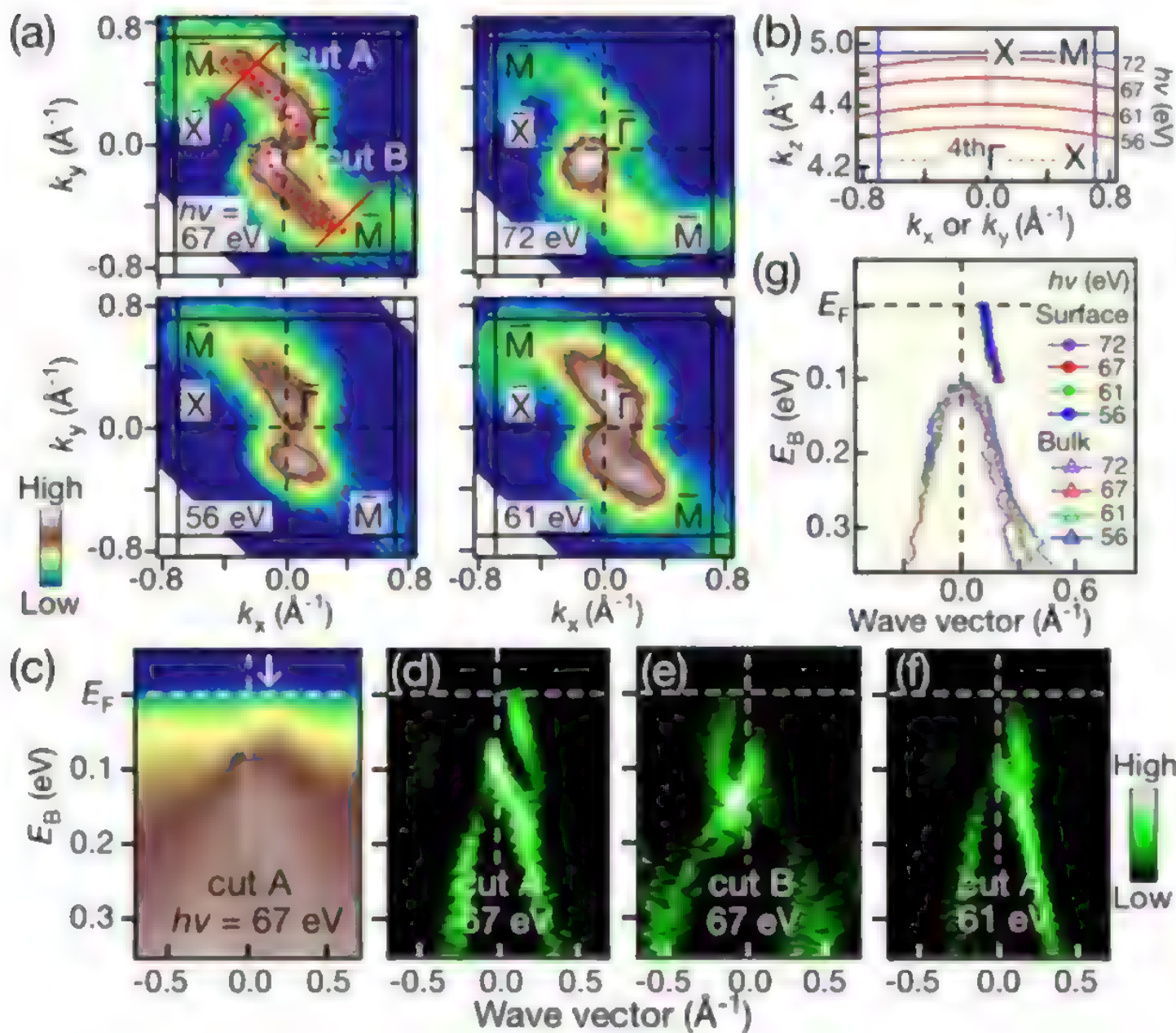
2K

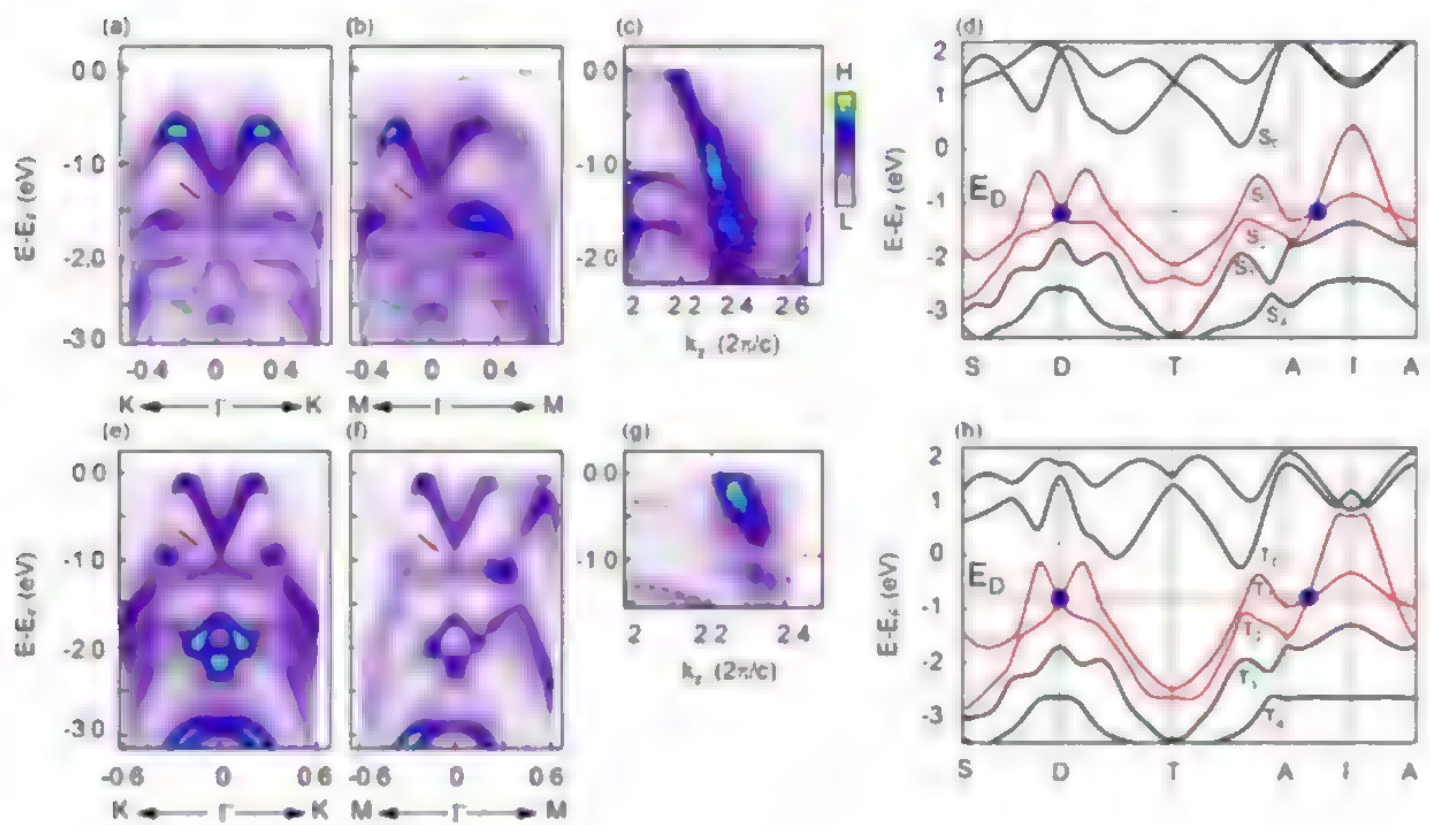
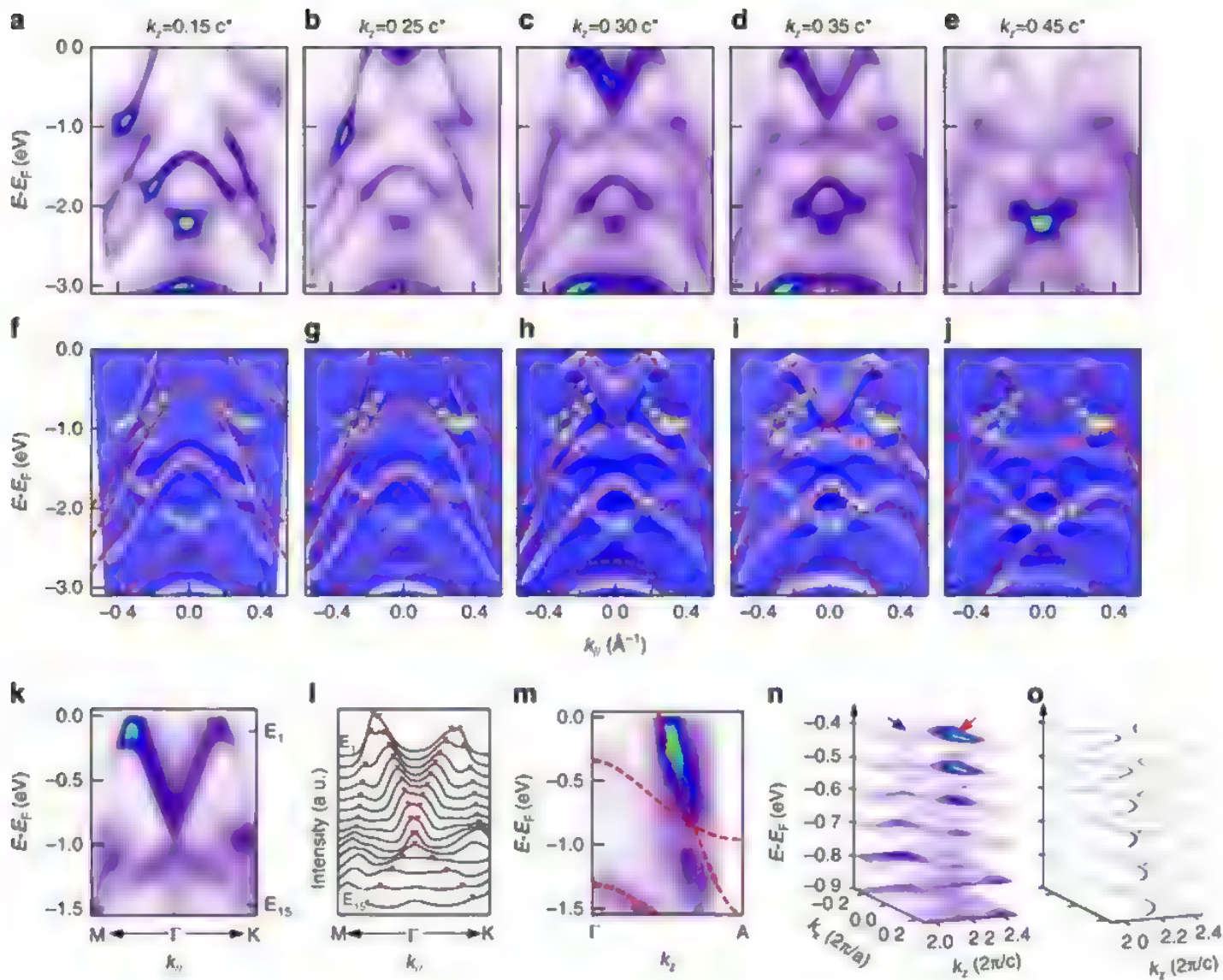


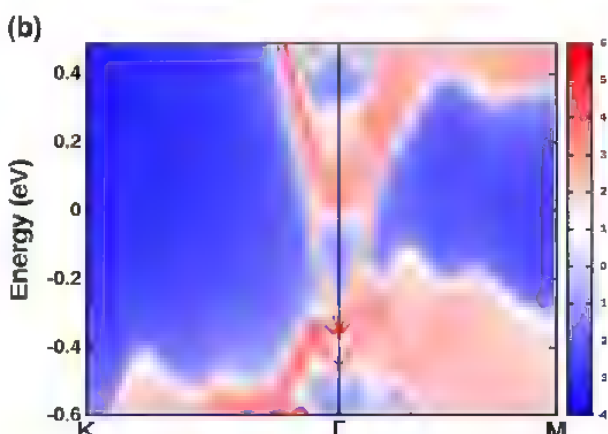
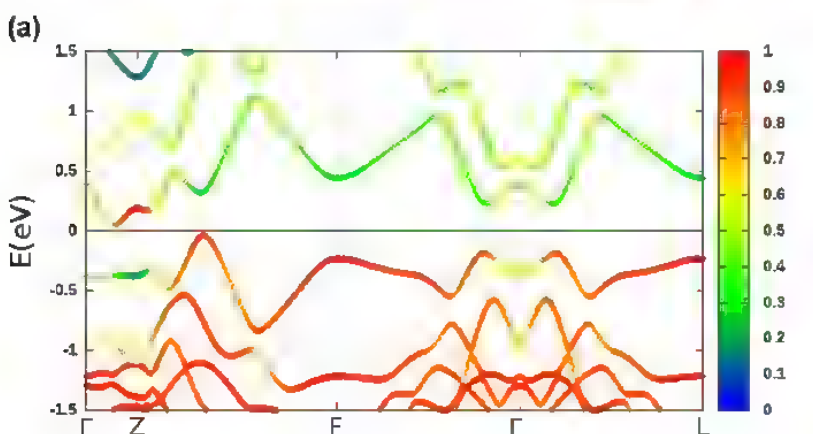
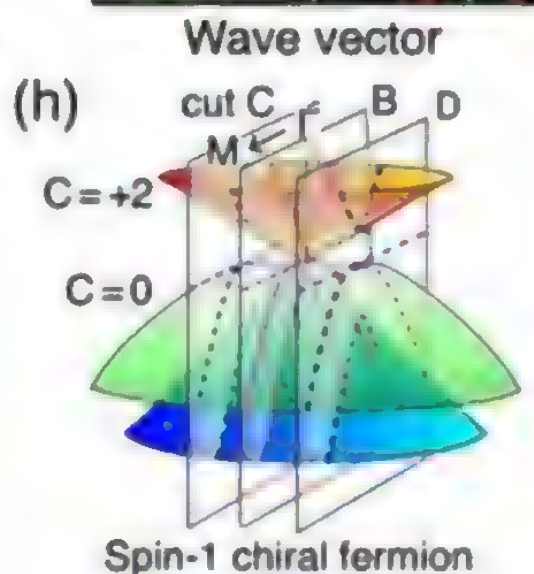
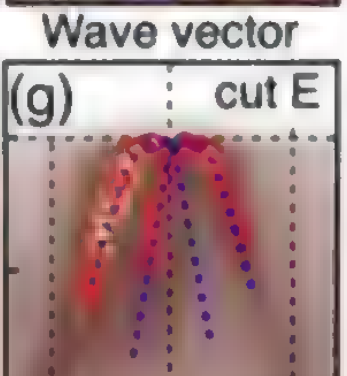
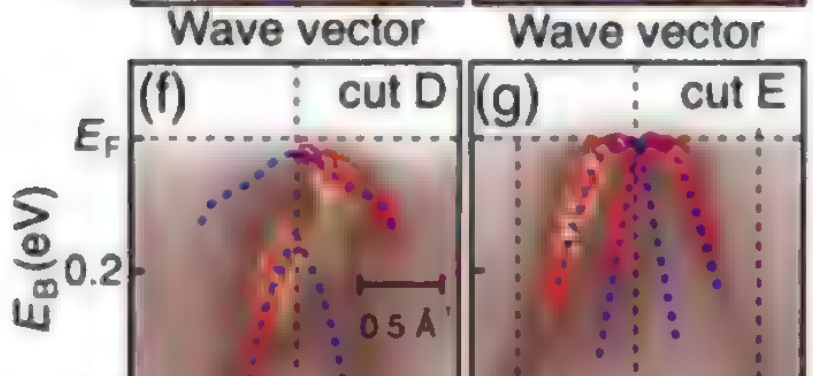
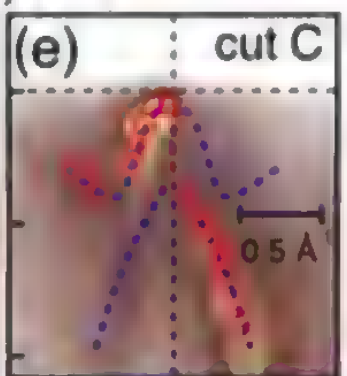
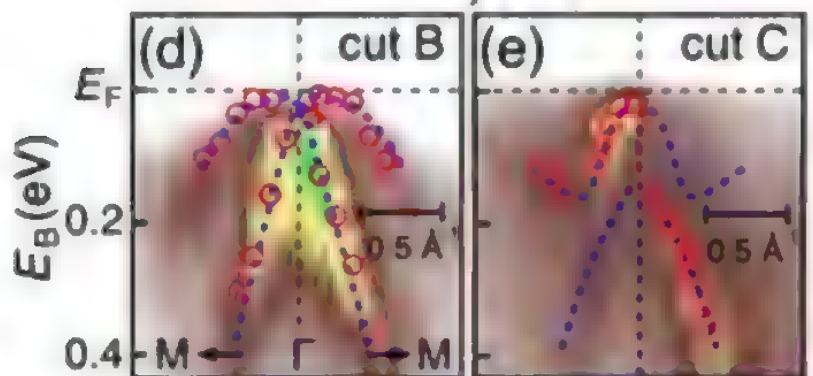
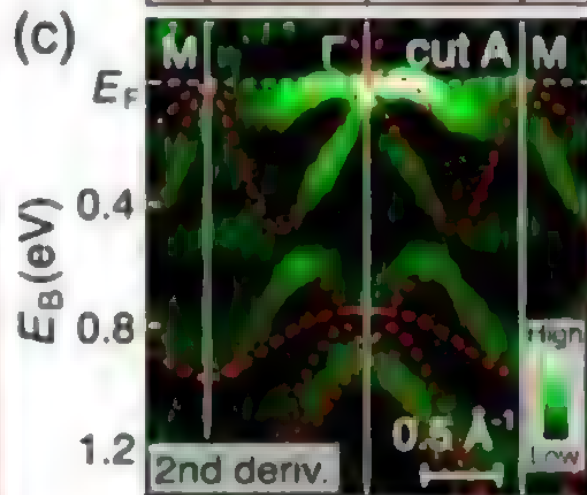
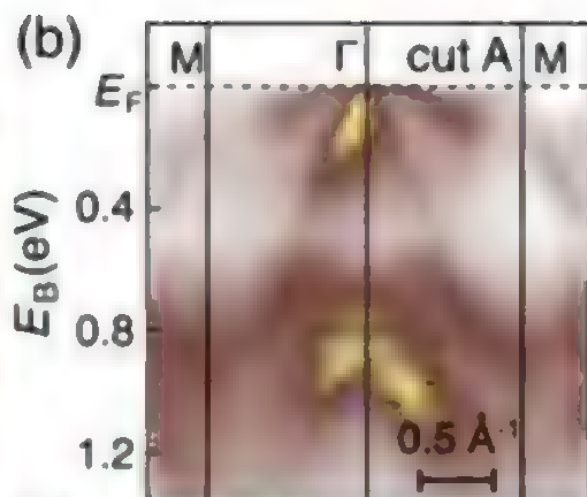
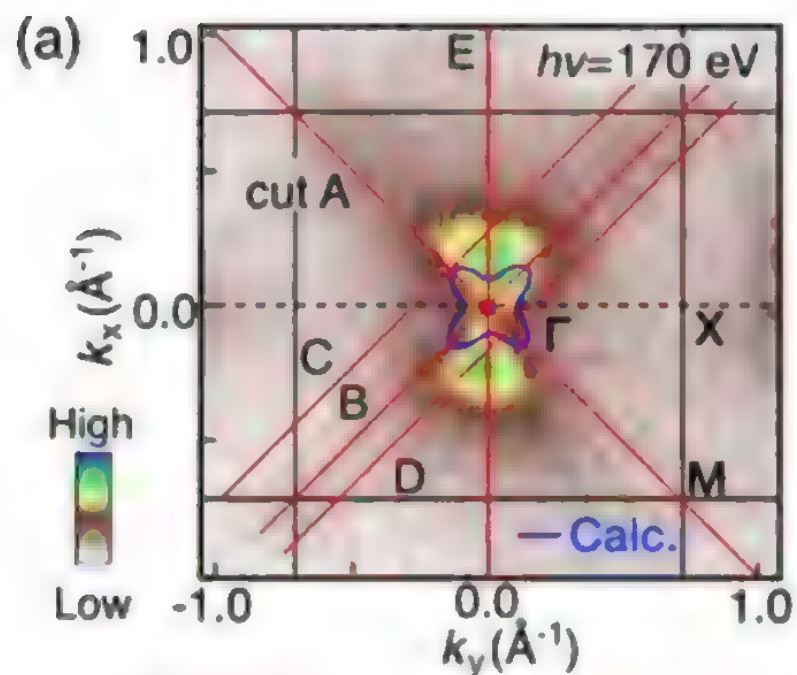


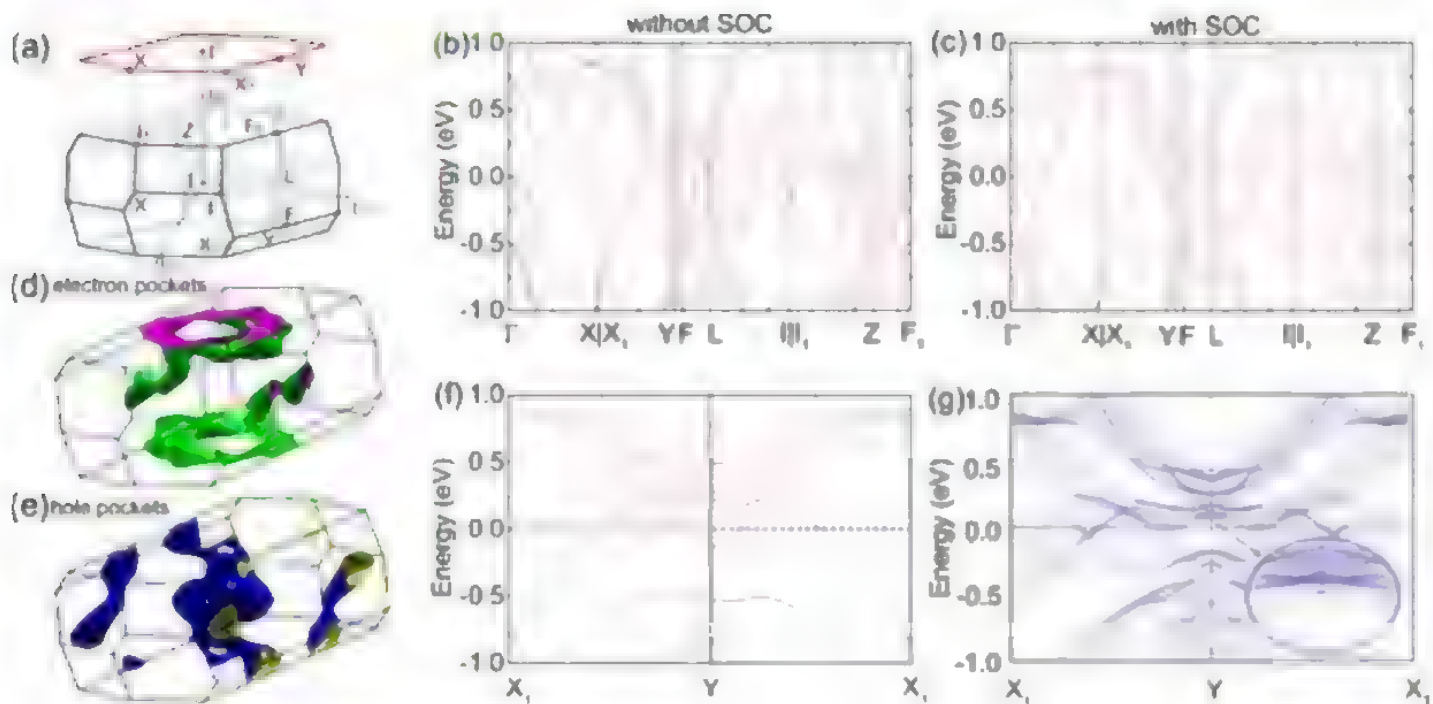
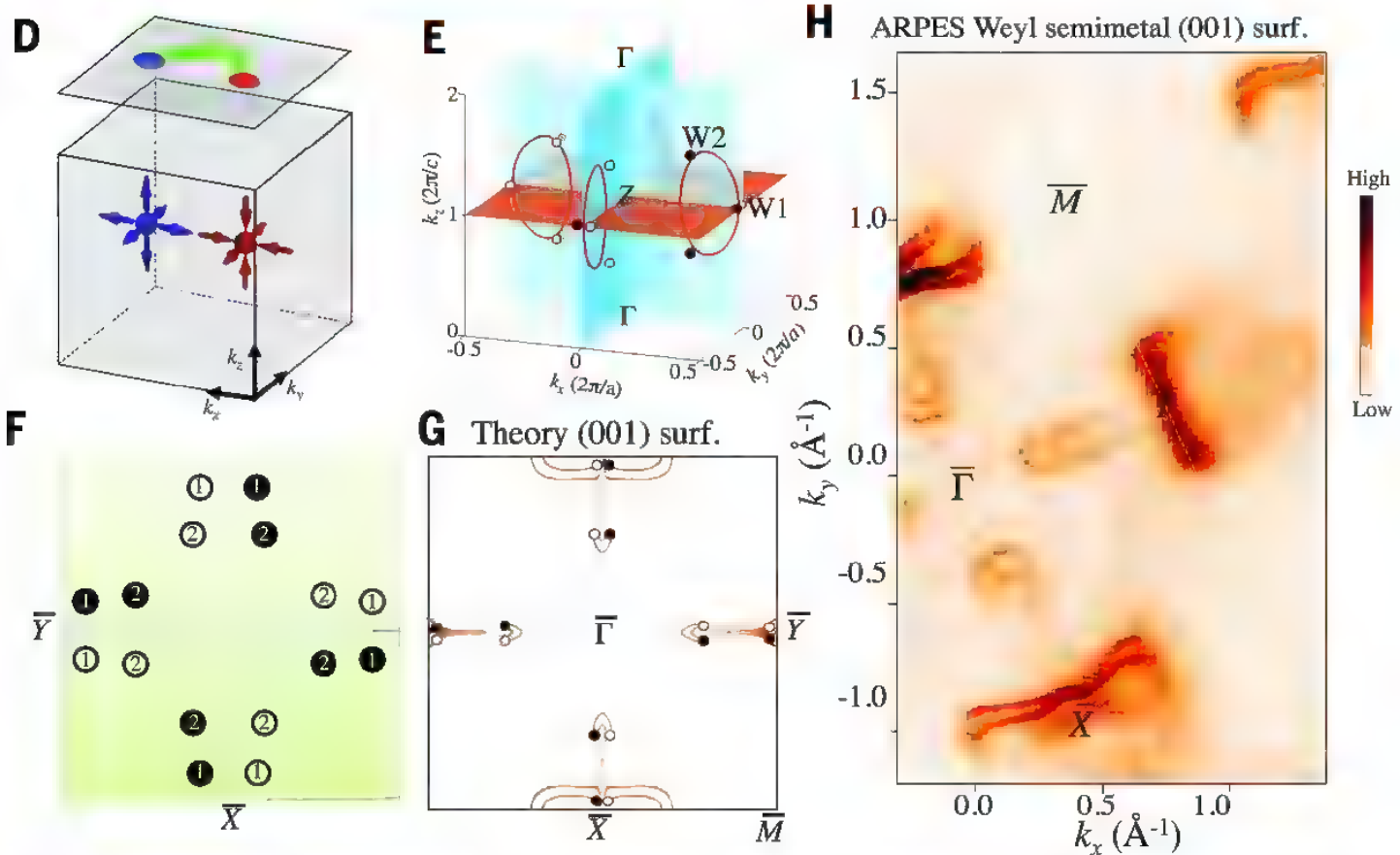
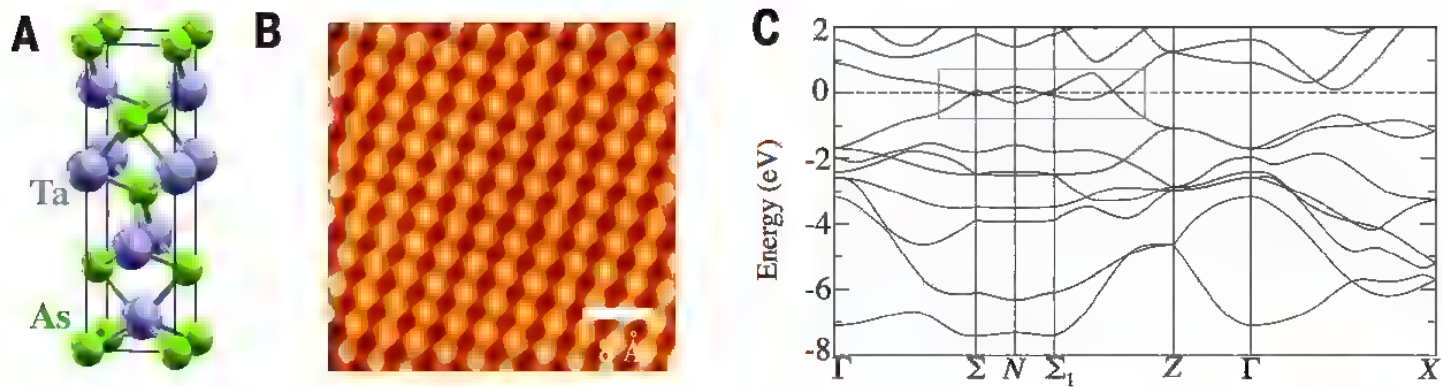


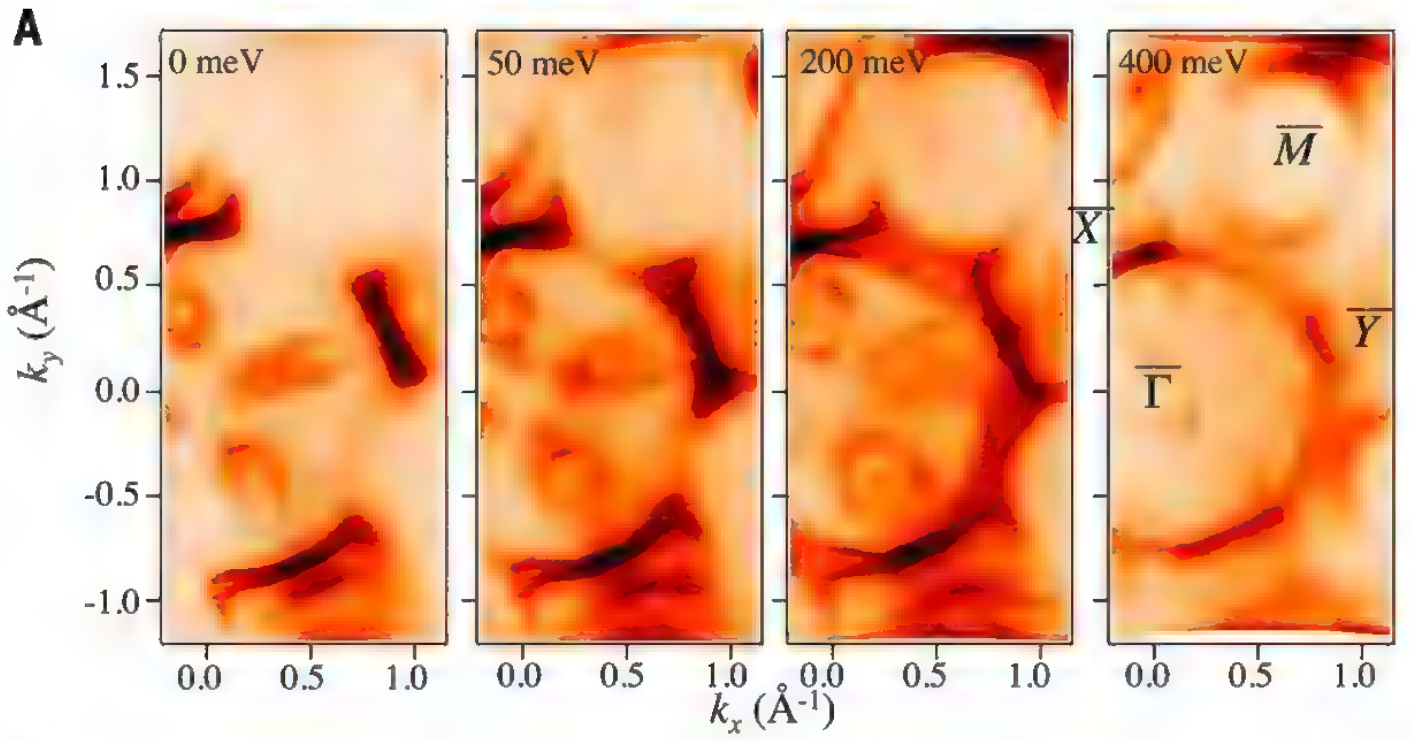




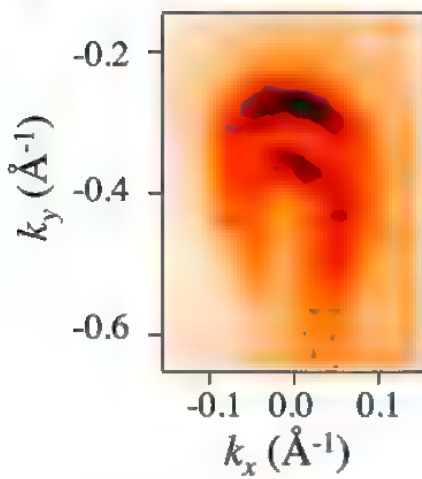




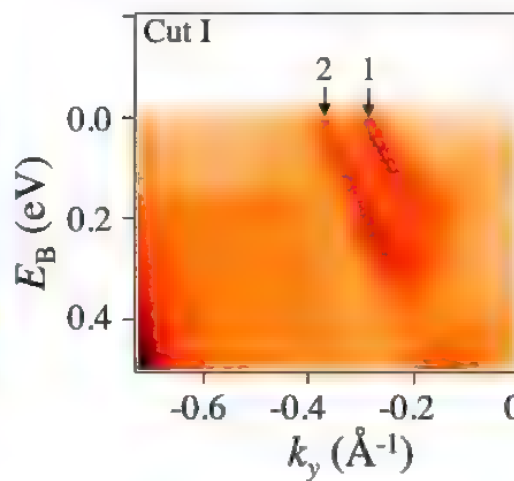




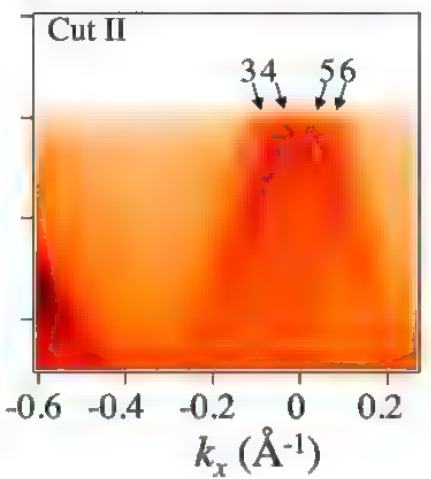
B **Fermi arcs**



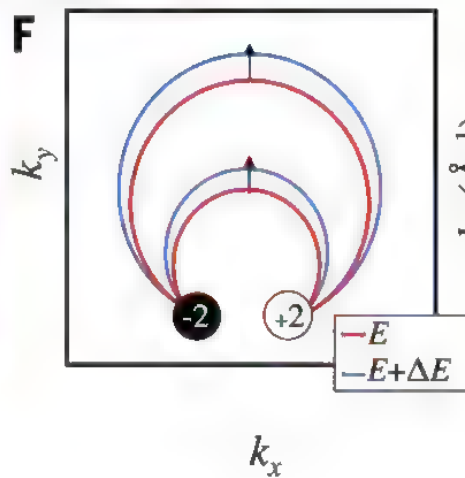
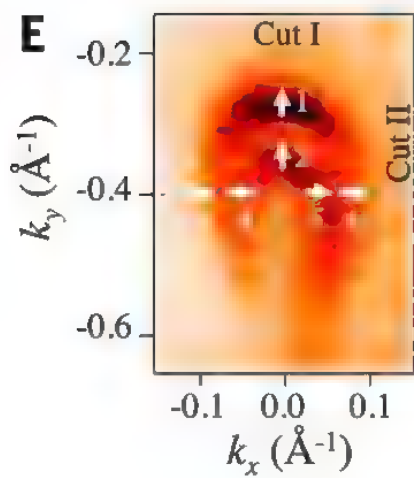
C



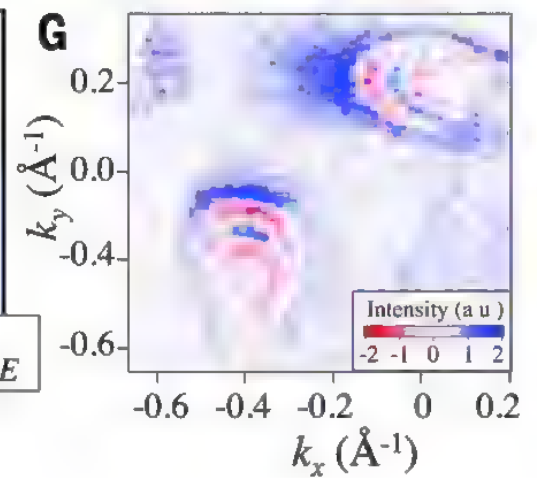
D

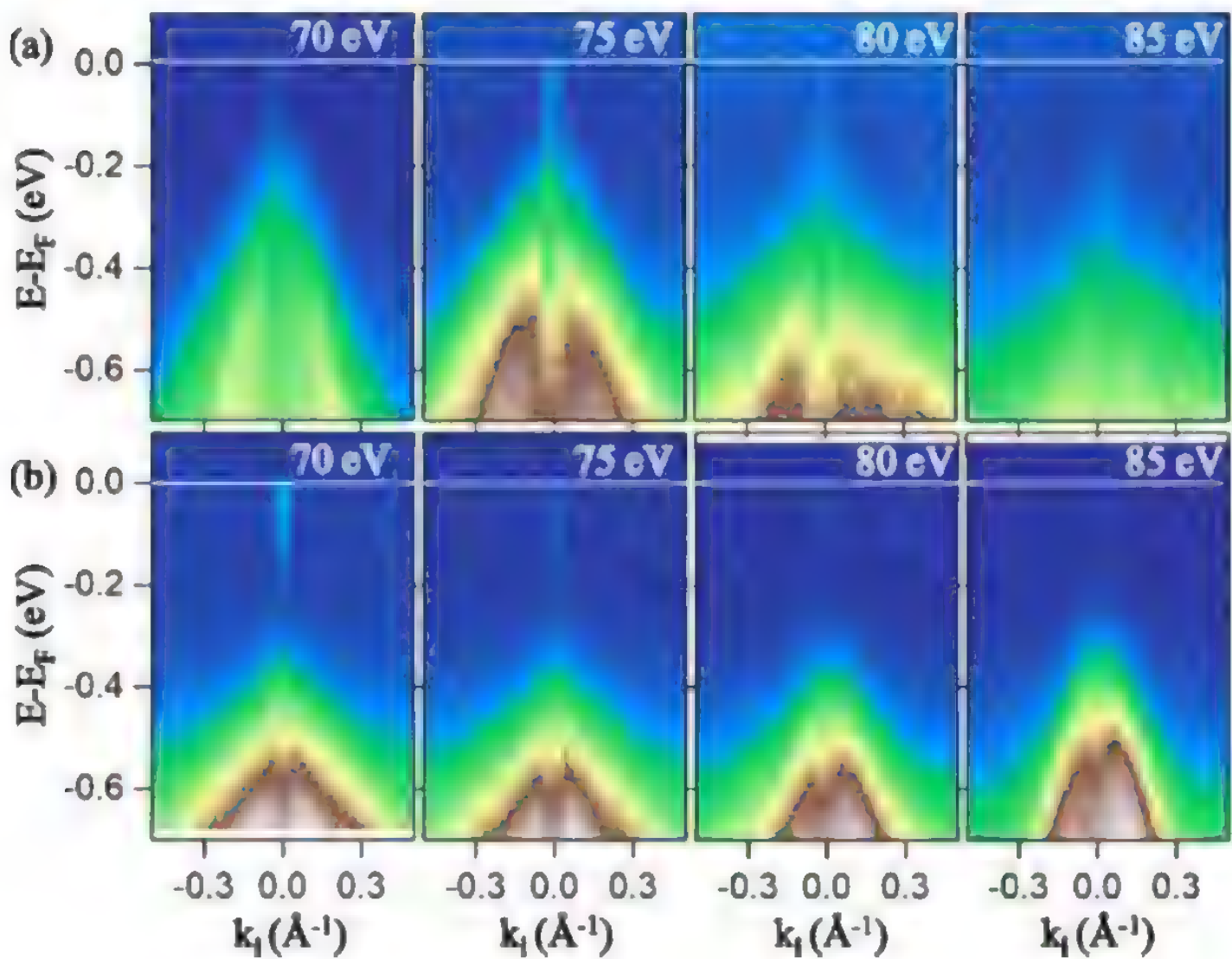
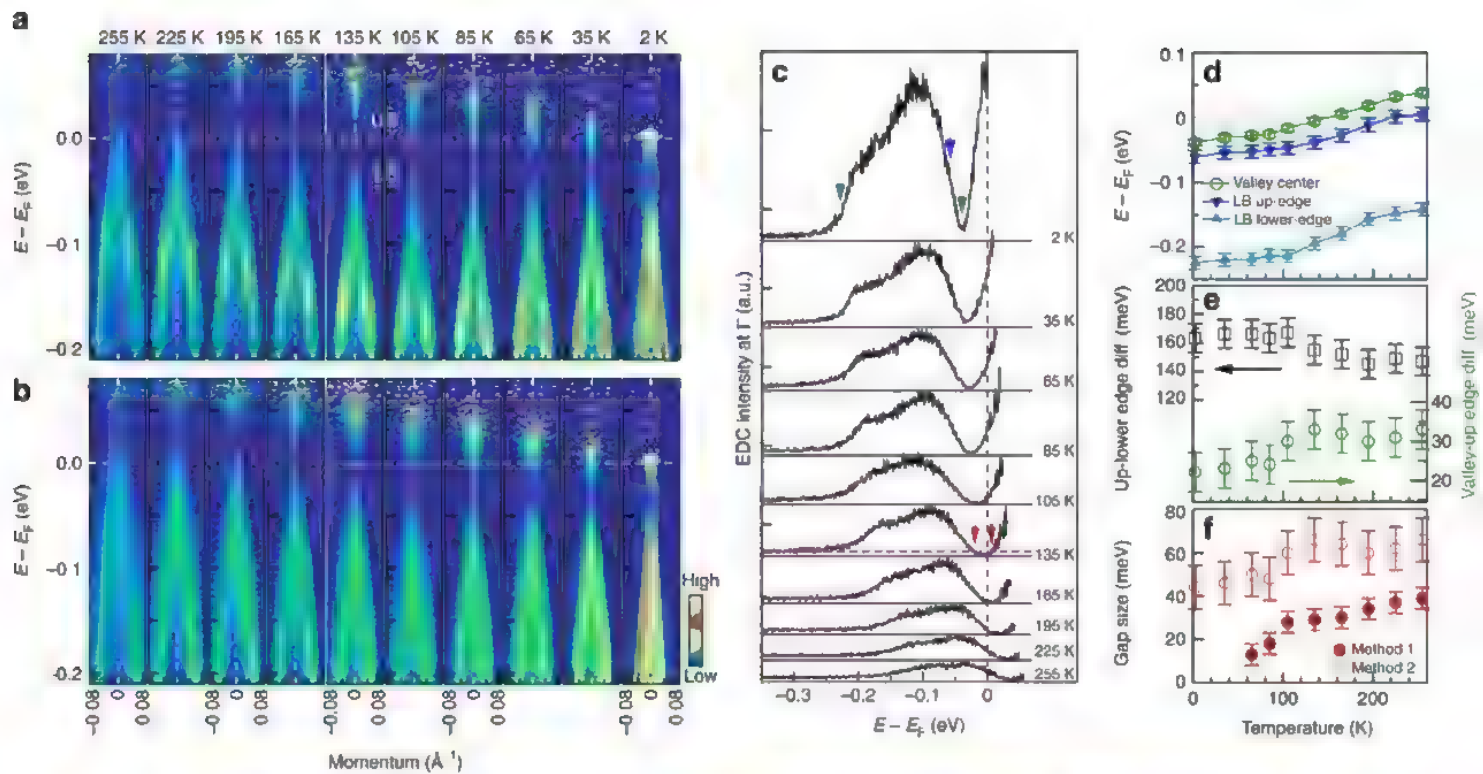


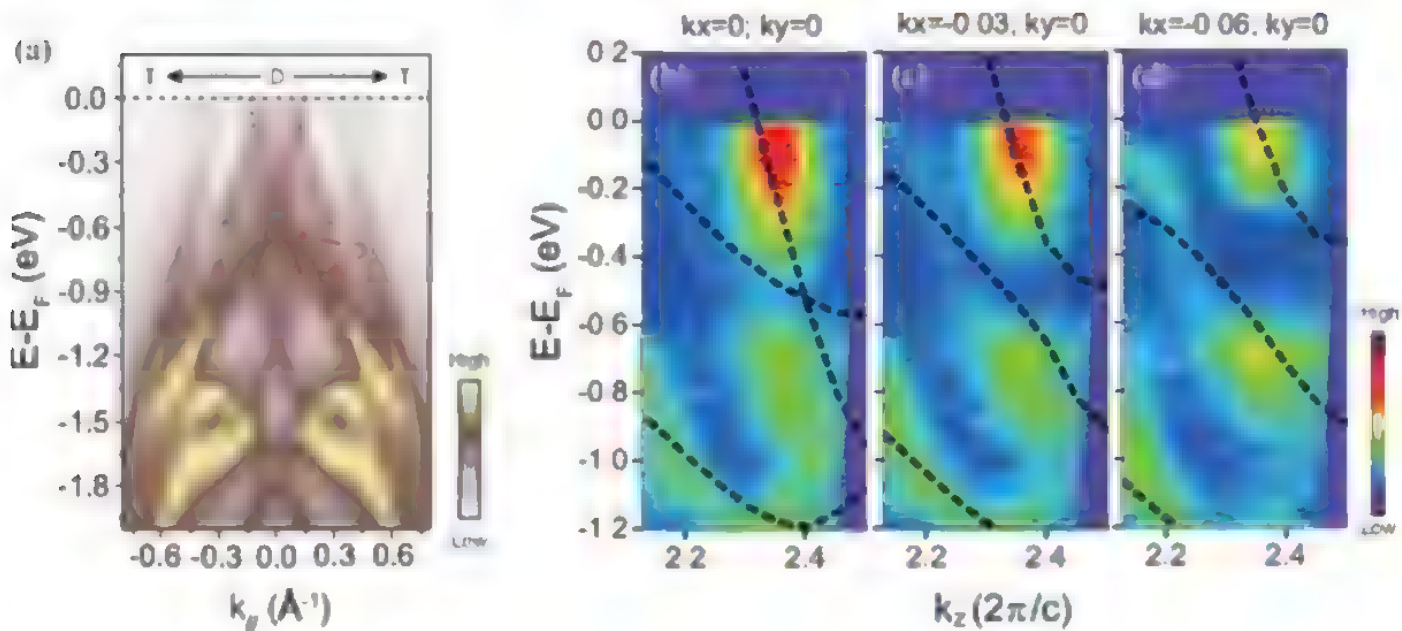
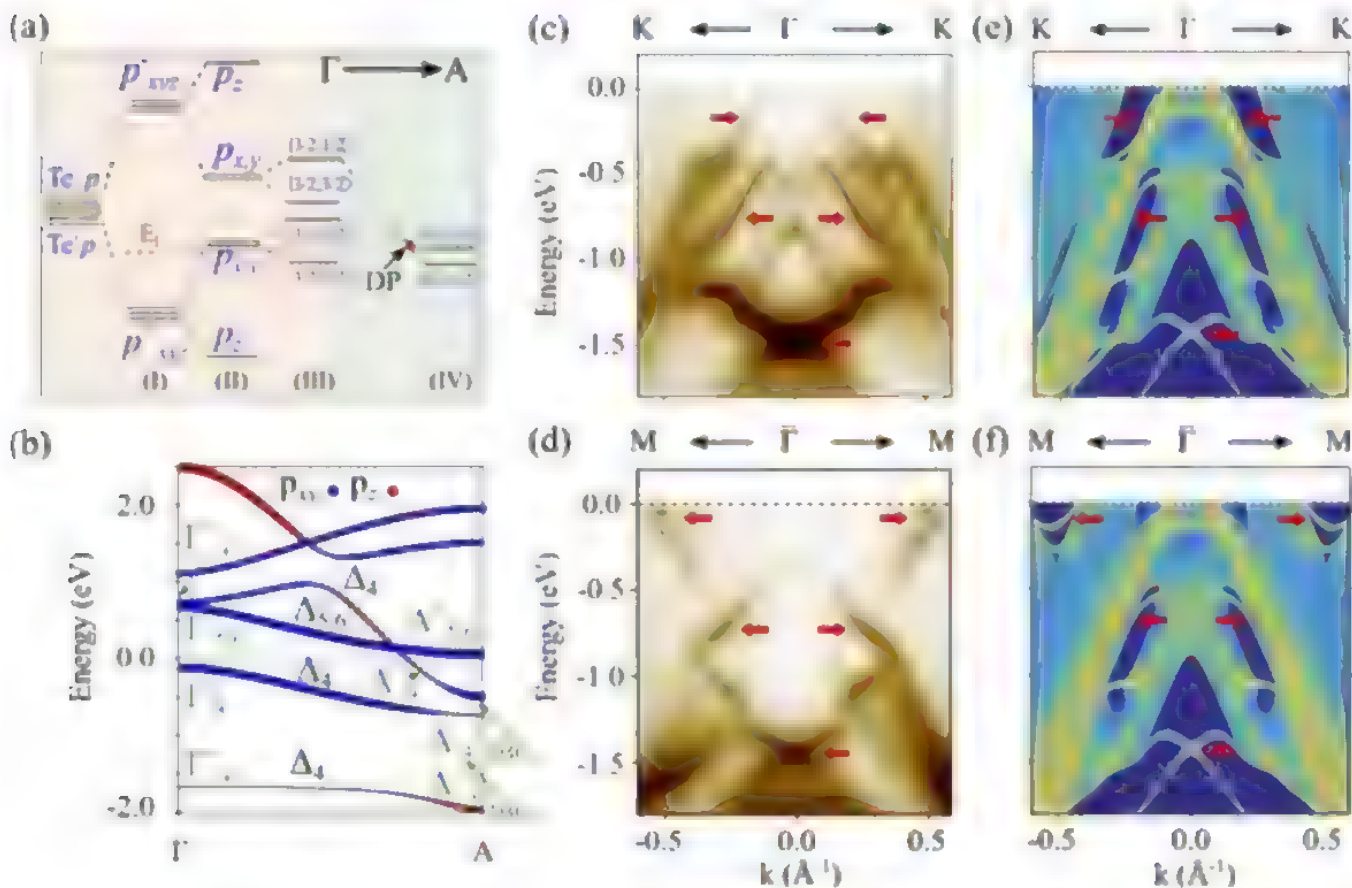
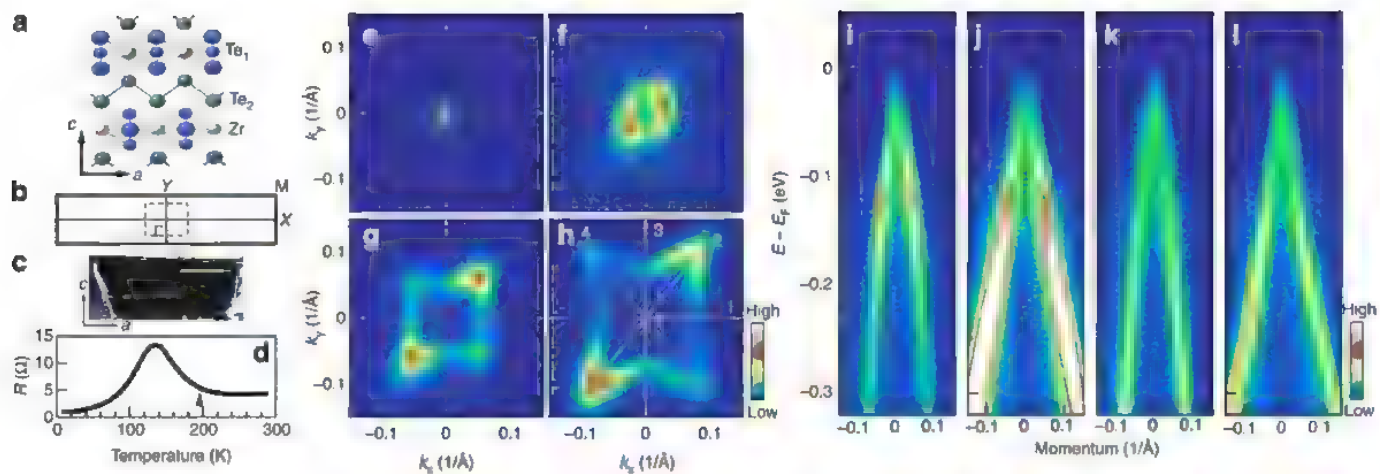
E **Co-propagating Fermi arcs**

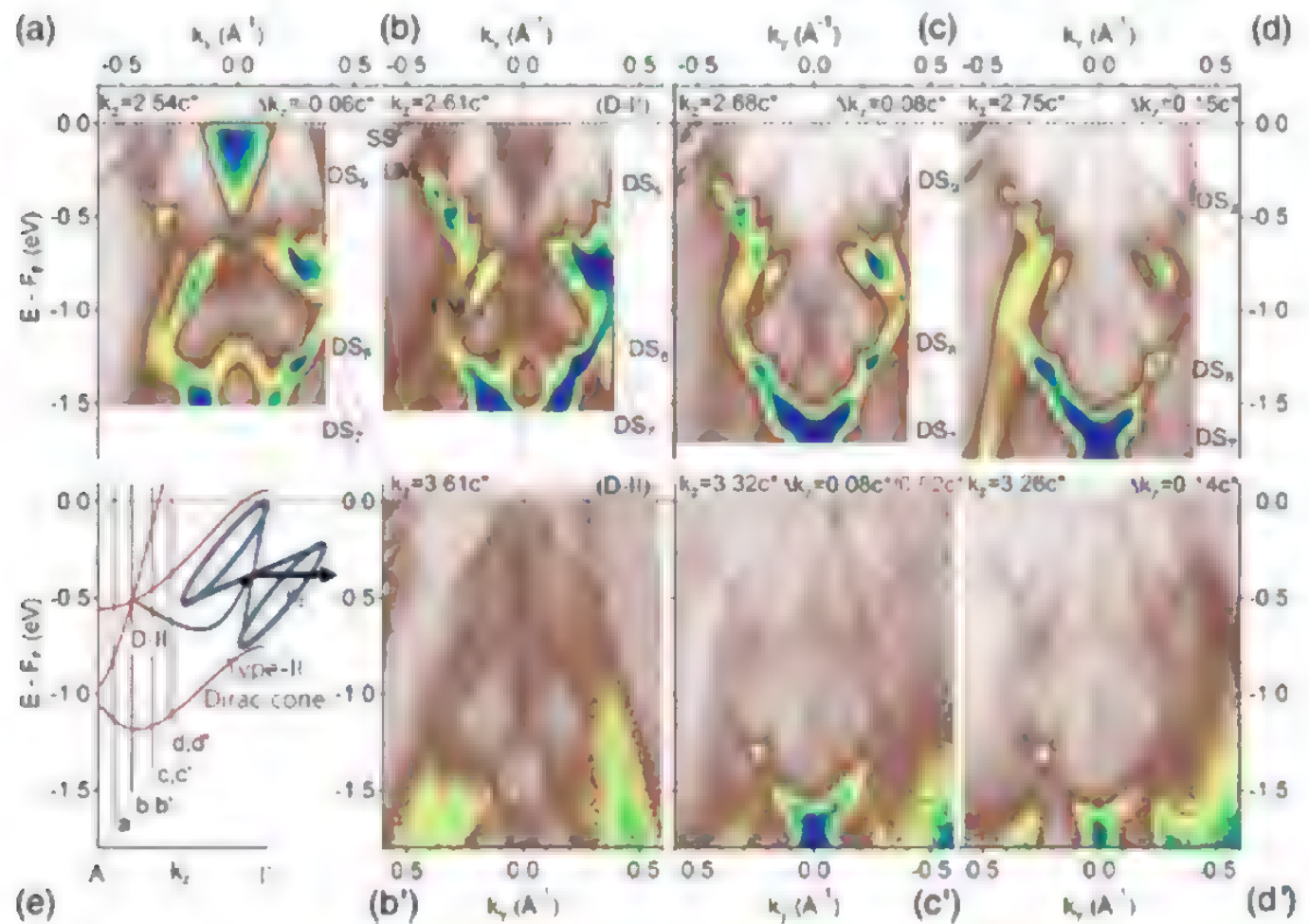
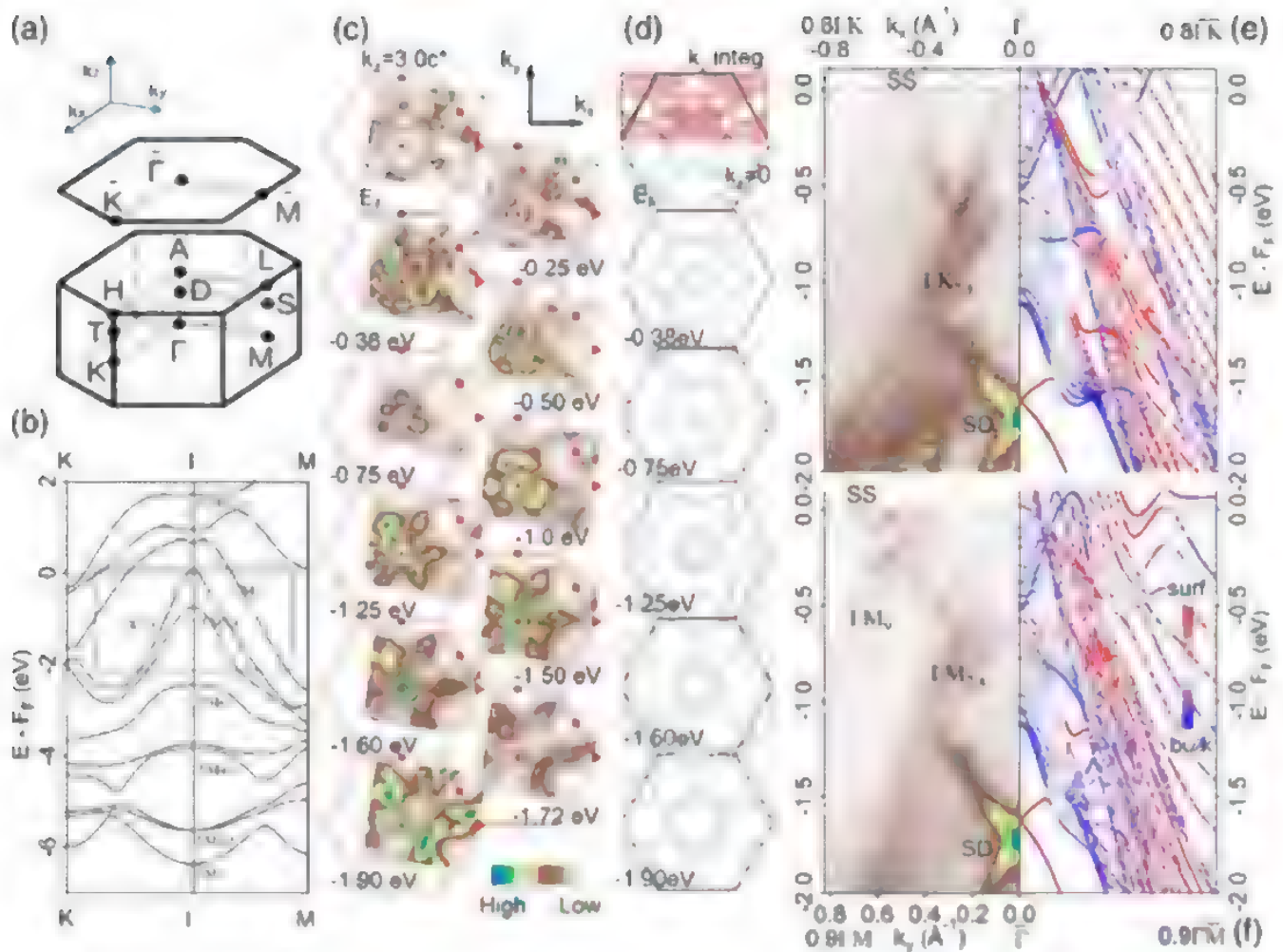


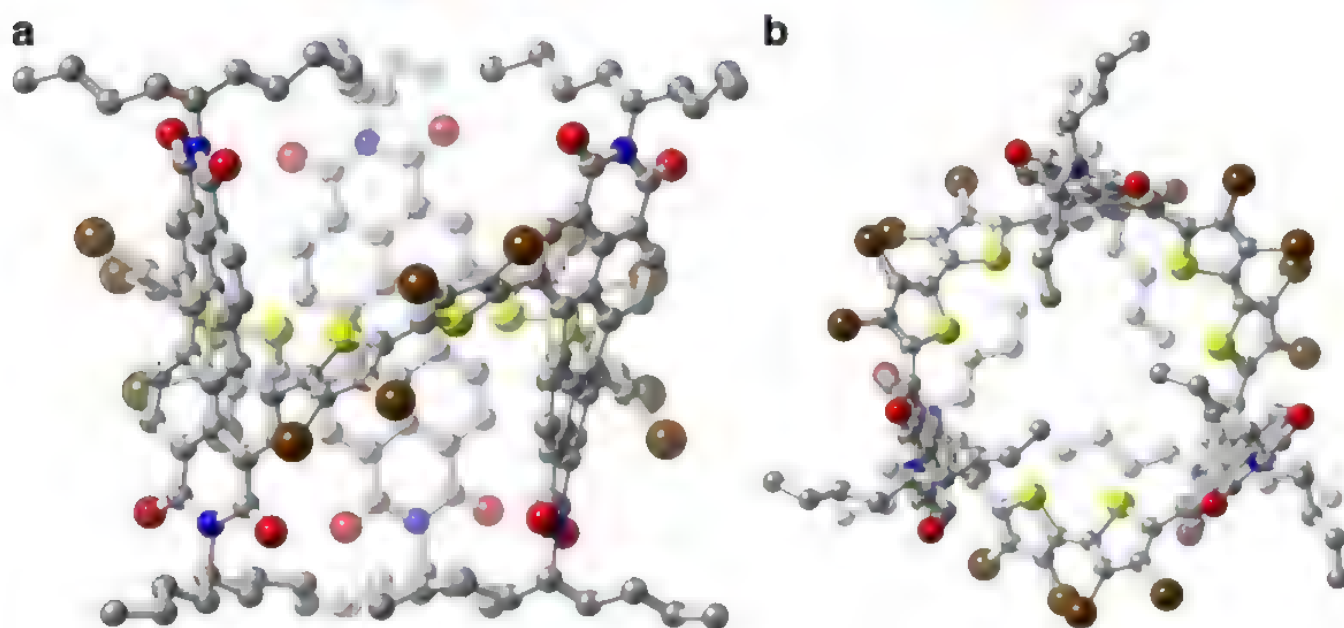
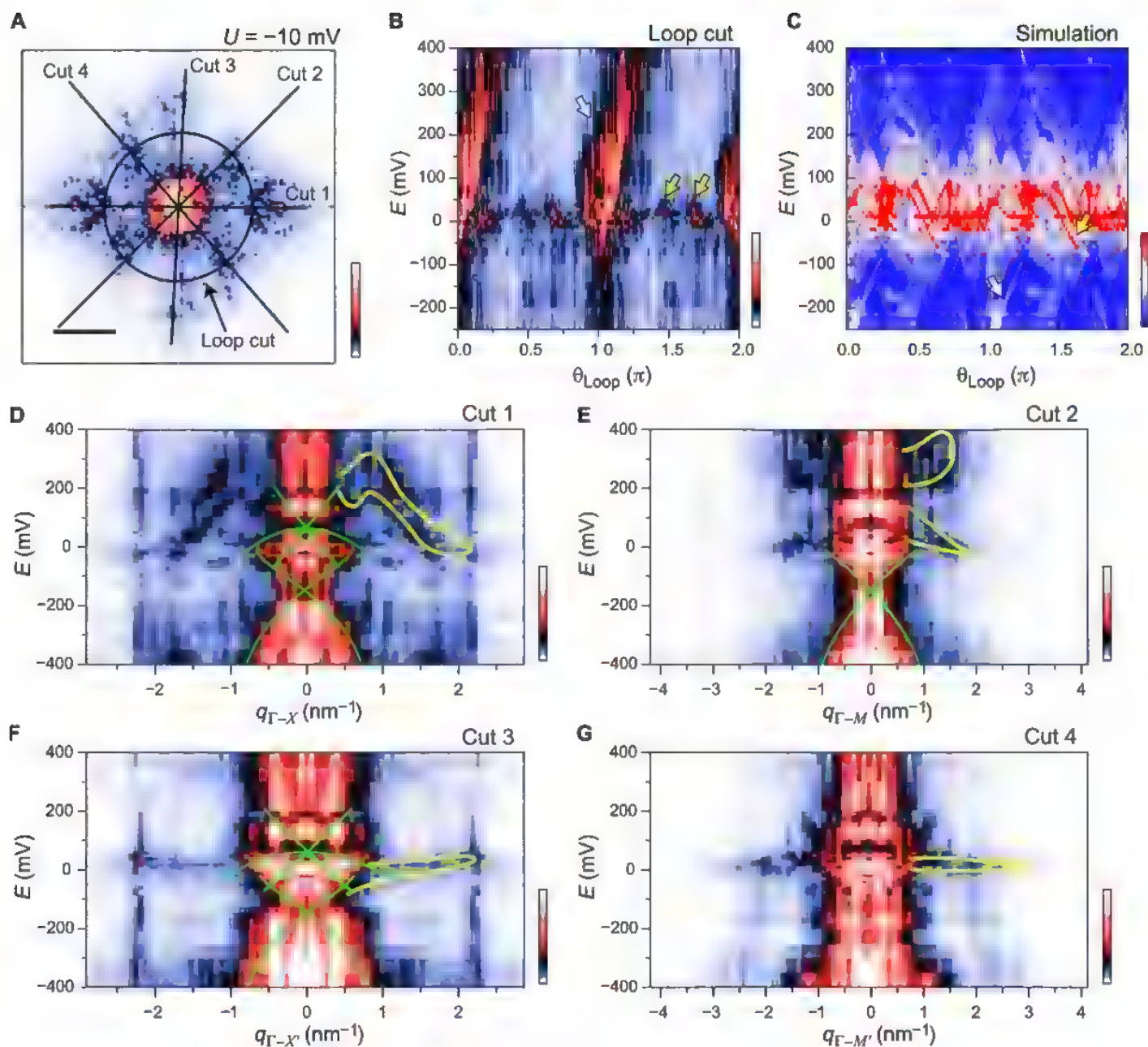
$$\Delta I(k_x, k_y) = I(E_B=20\text{meV}) - I(E_B=0\text{meV})$$



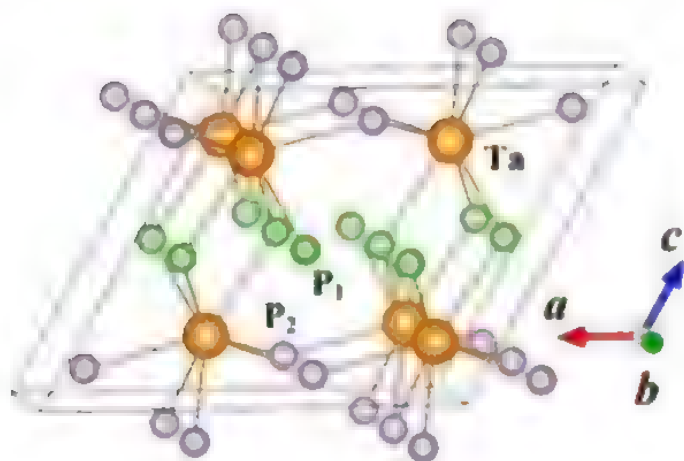




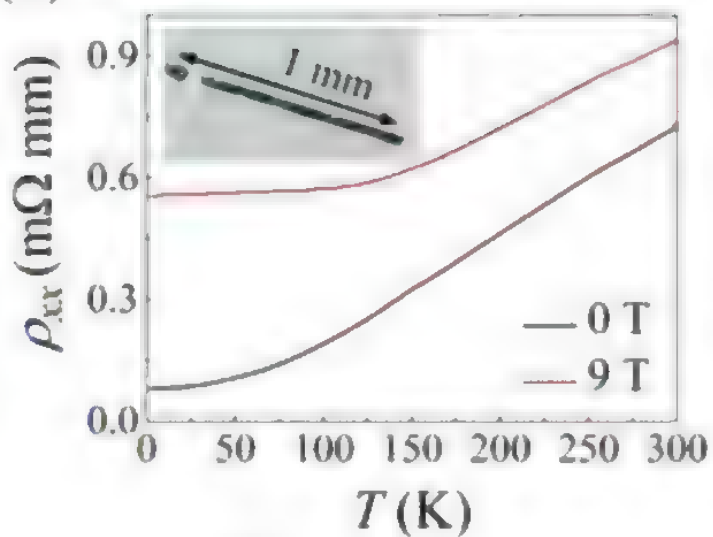




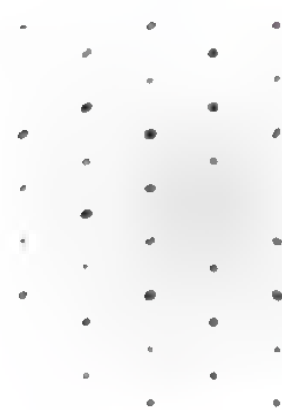
(a)



(b)



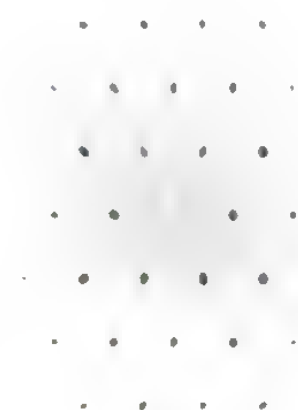
(c)

 $(0\ k\ l)$

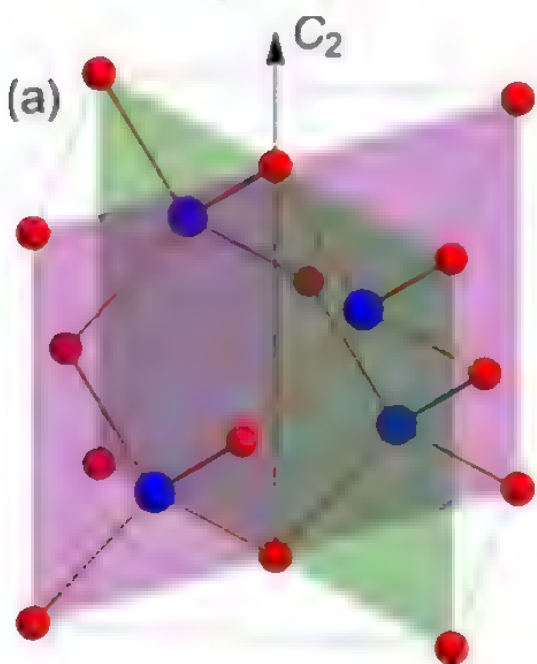
(d)

 $(h\ 0\ l)$

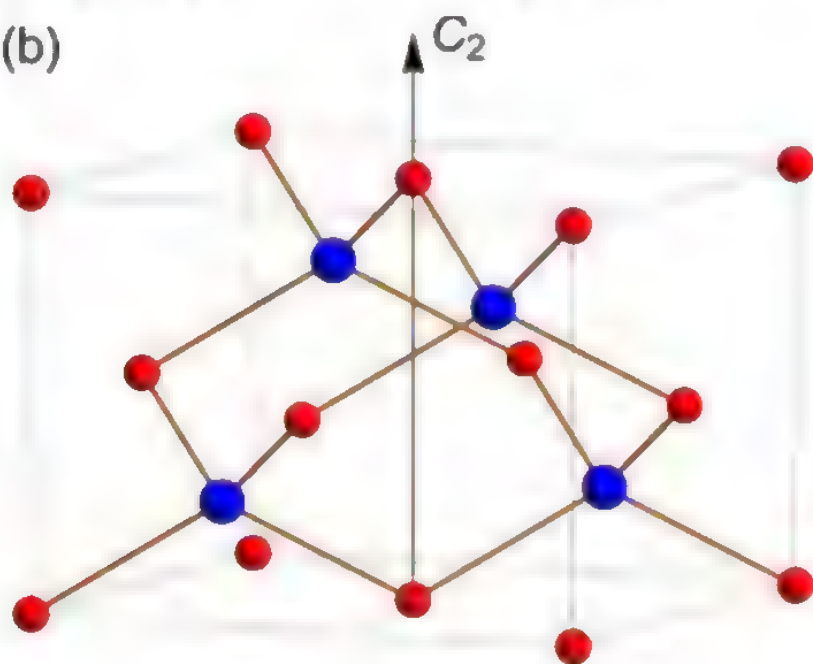
(e)

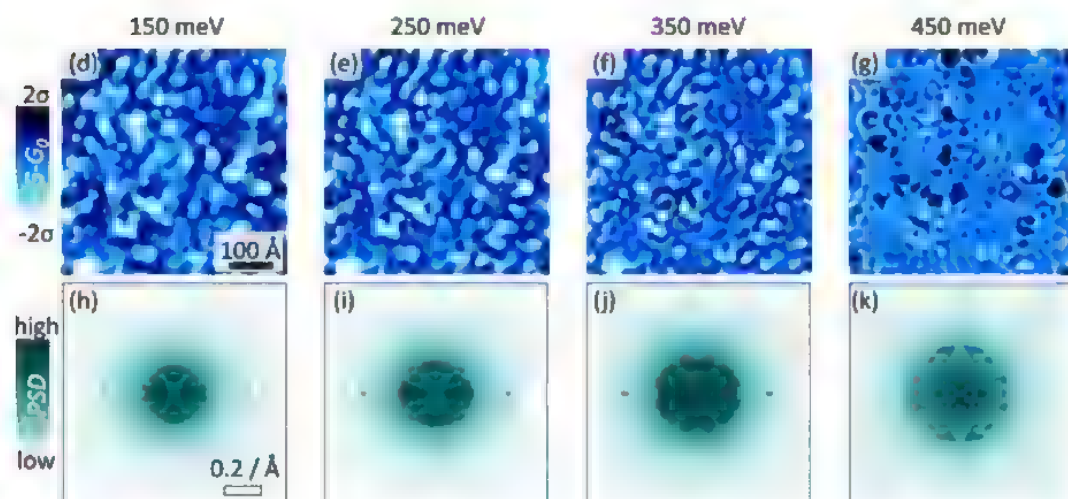
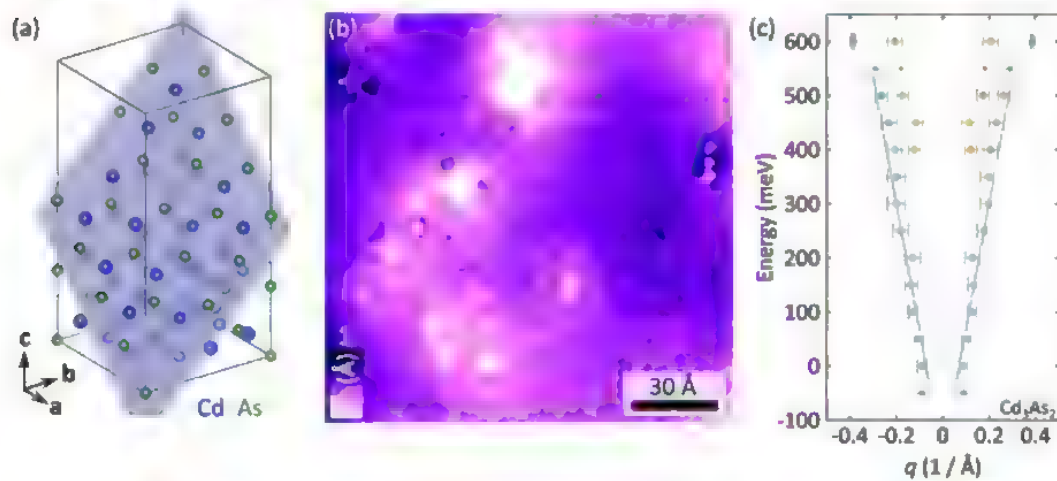
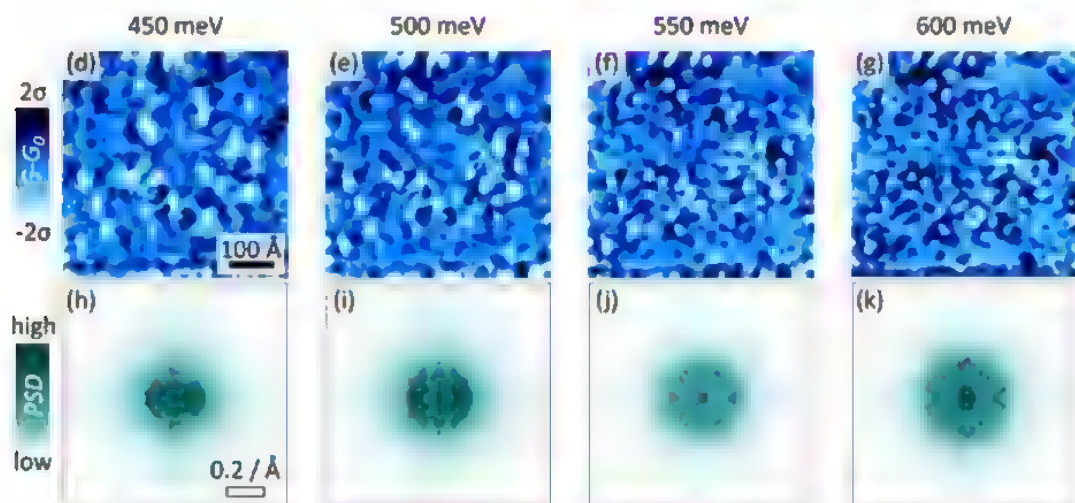
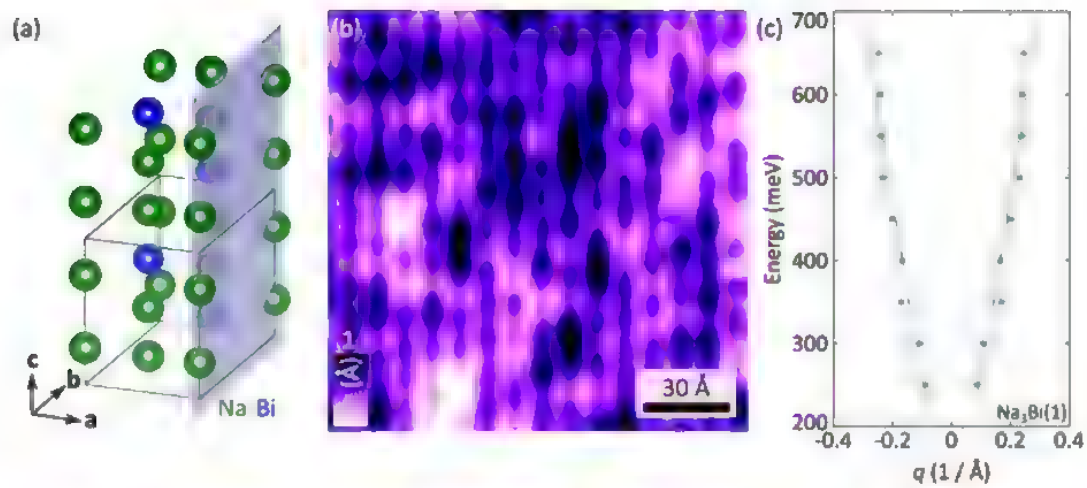
 $(h\ k\ 0)$

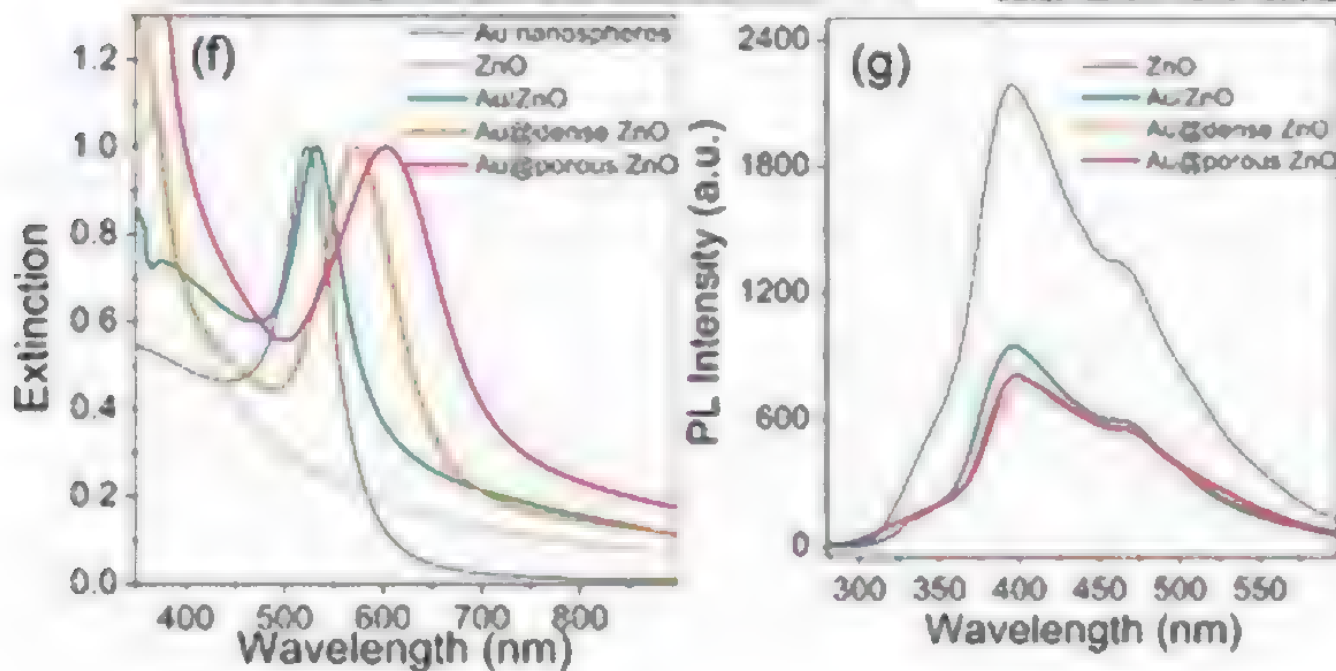
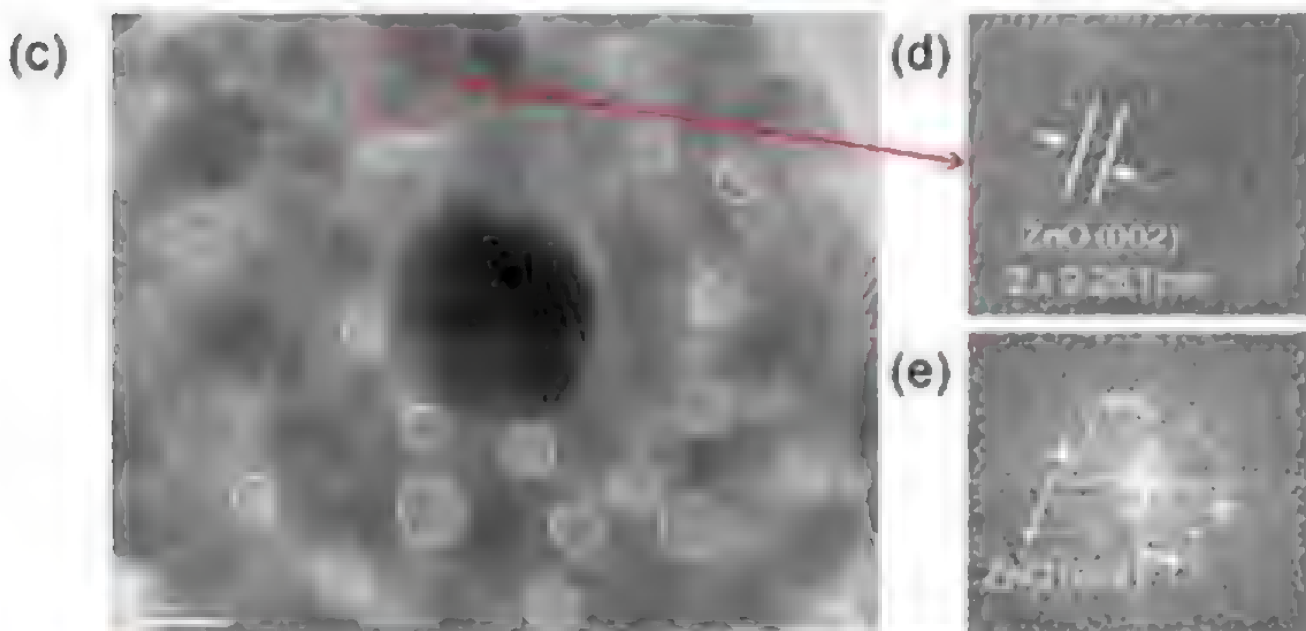
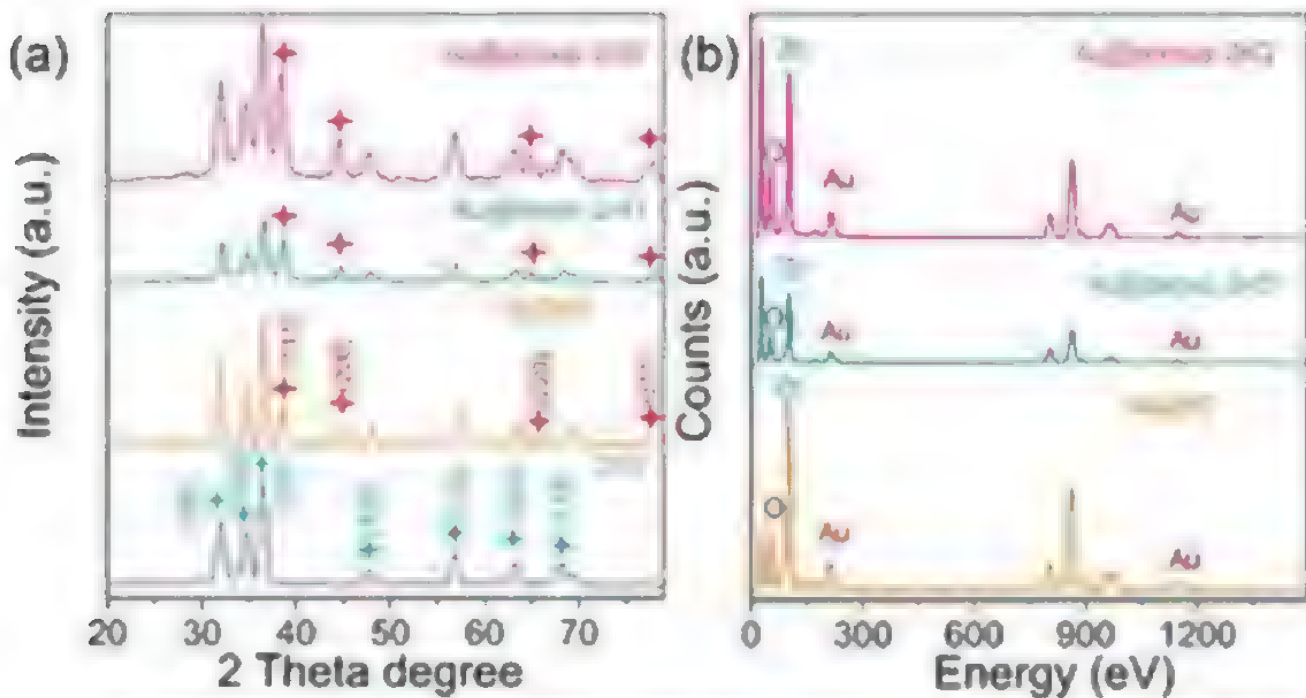
(a)



(b)





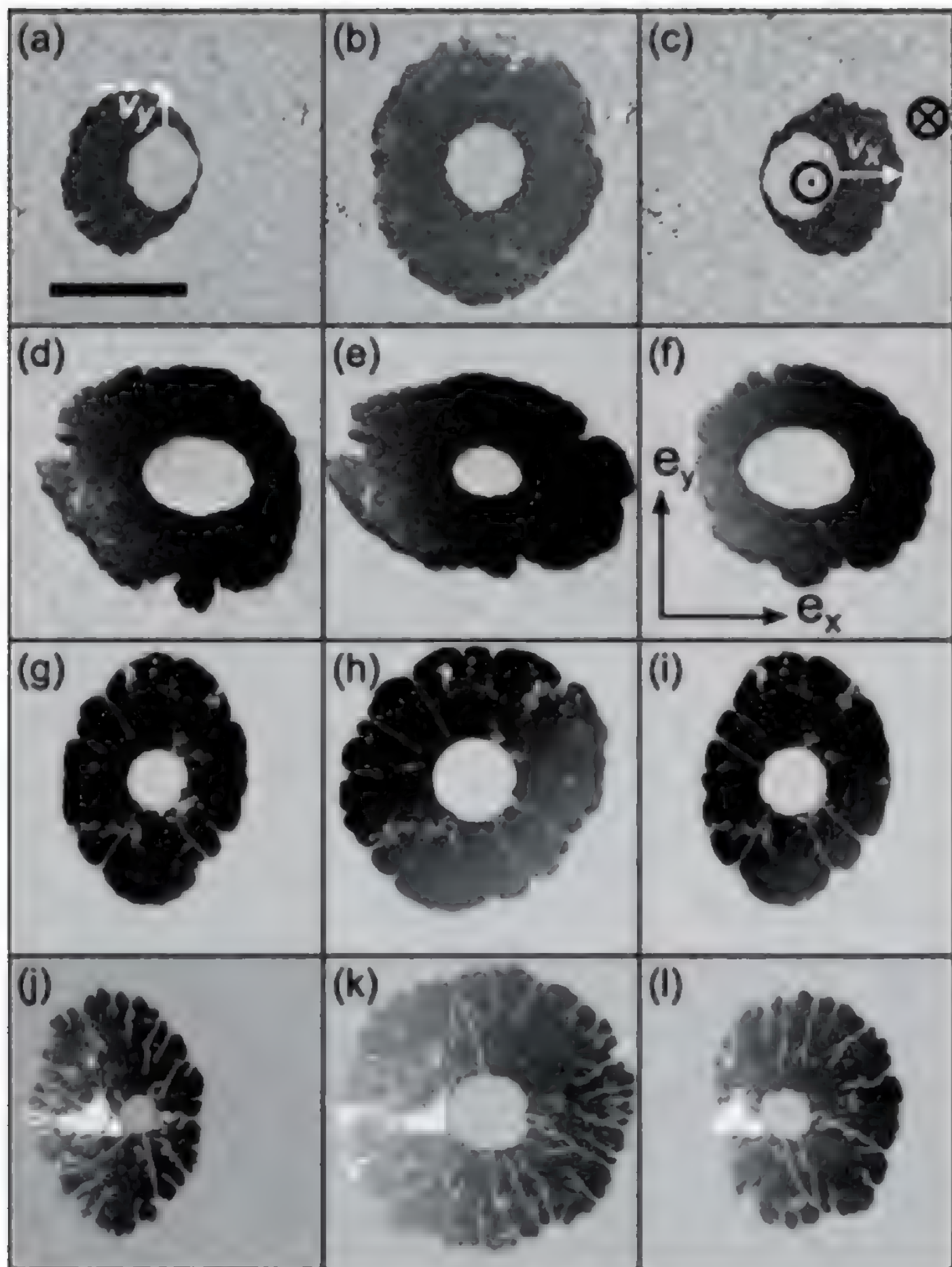


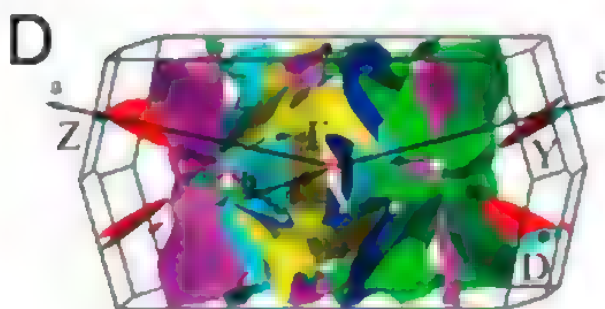
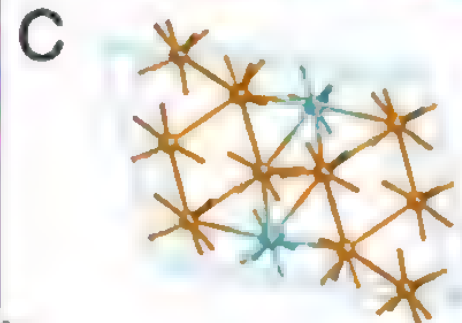
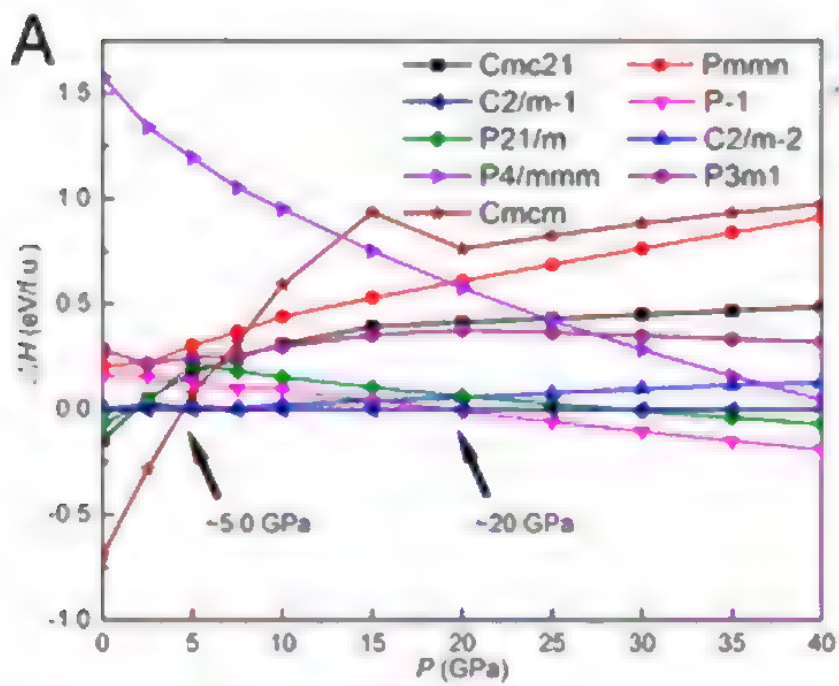
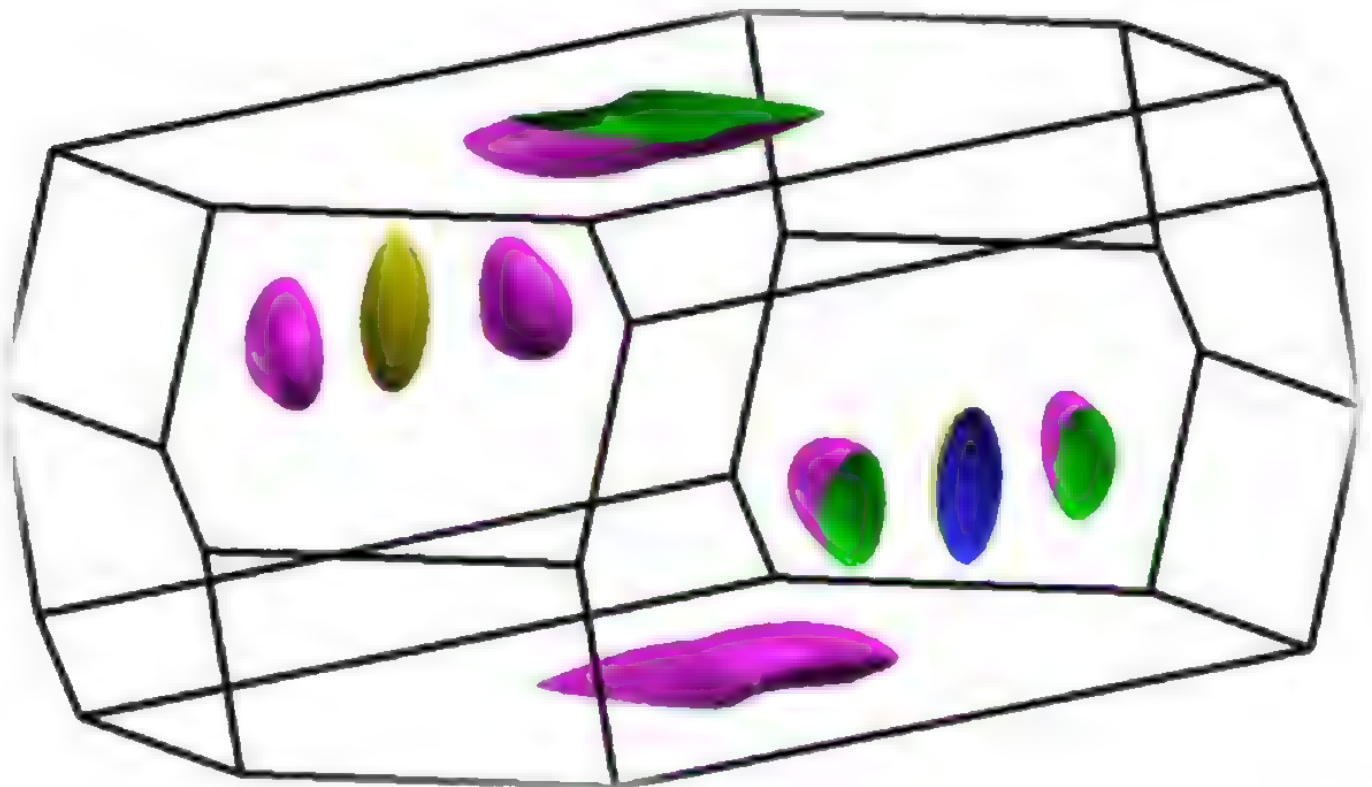
$\mu_0 H_x = -50 \text{ mT}$

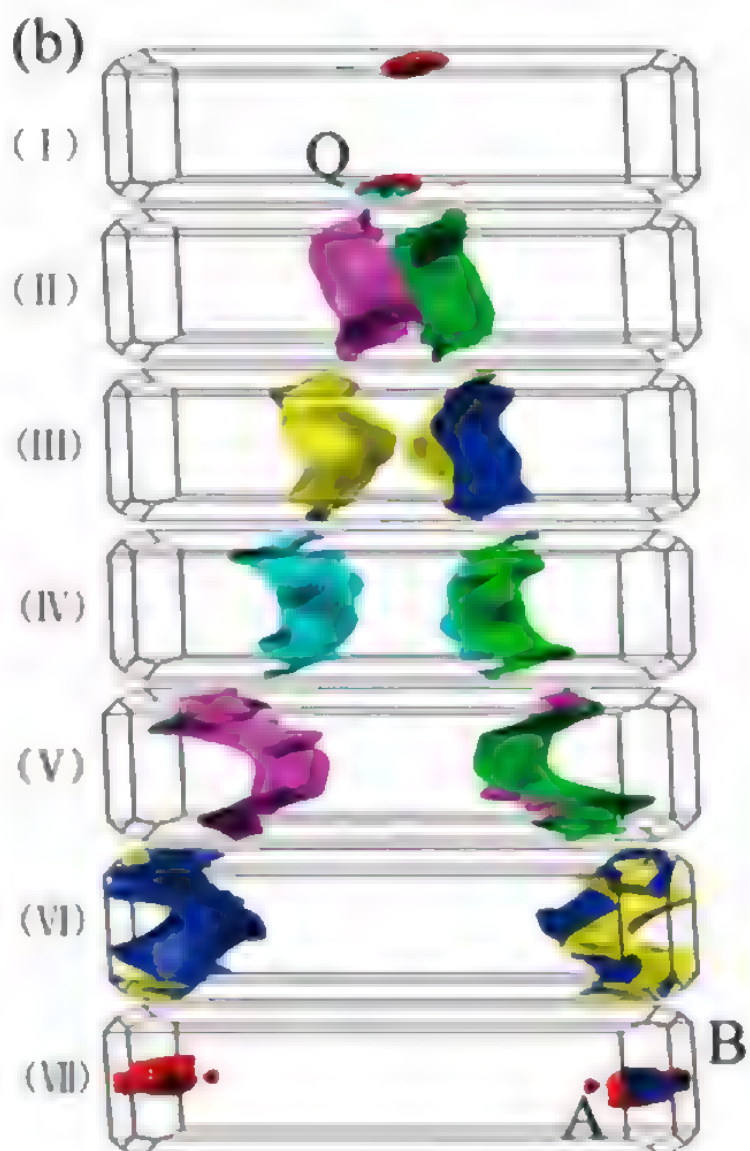
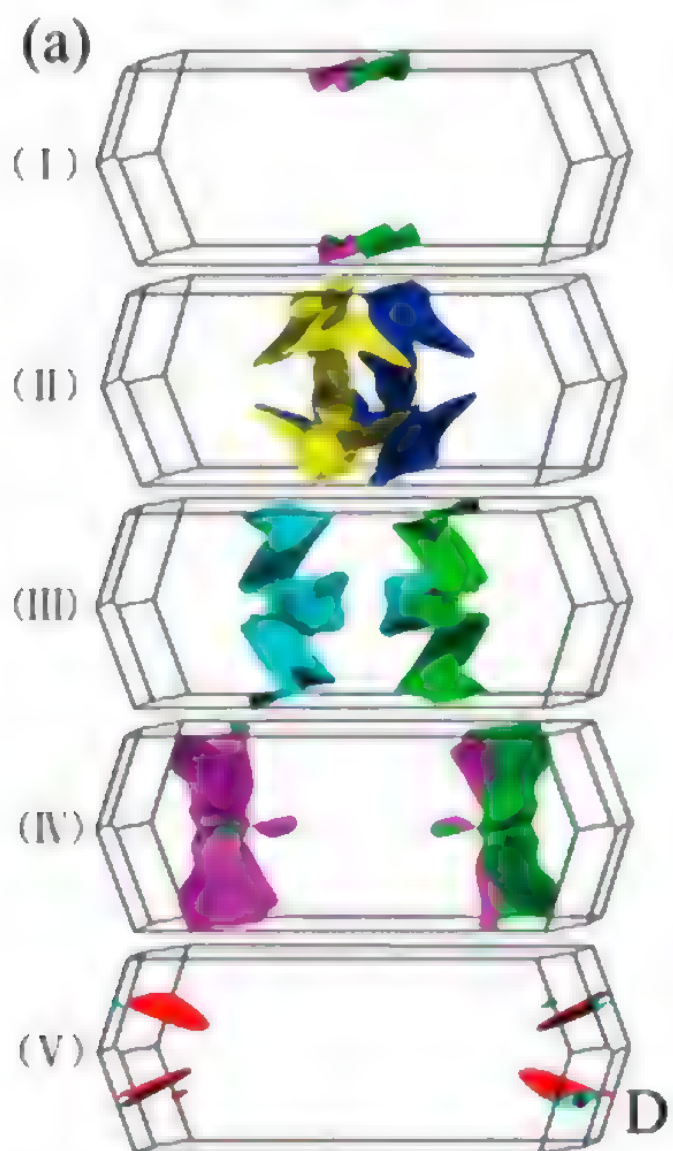
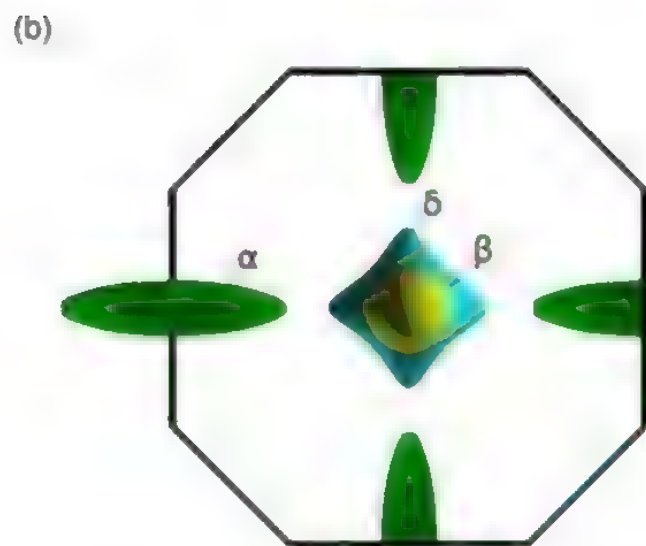
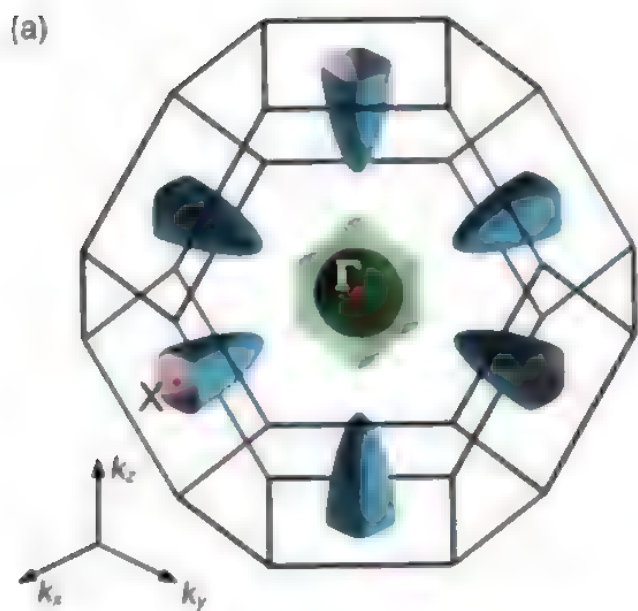


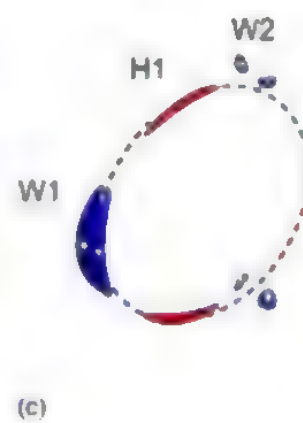
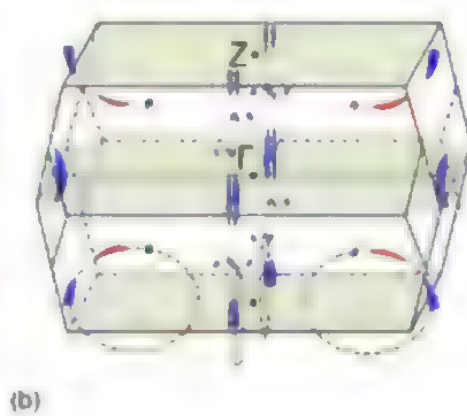
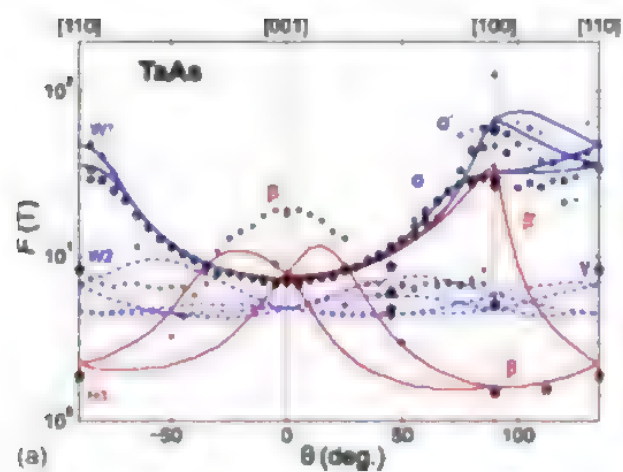
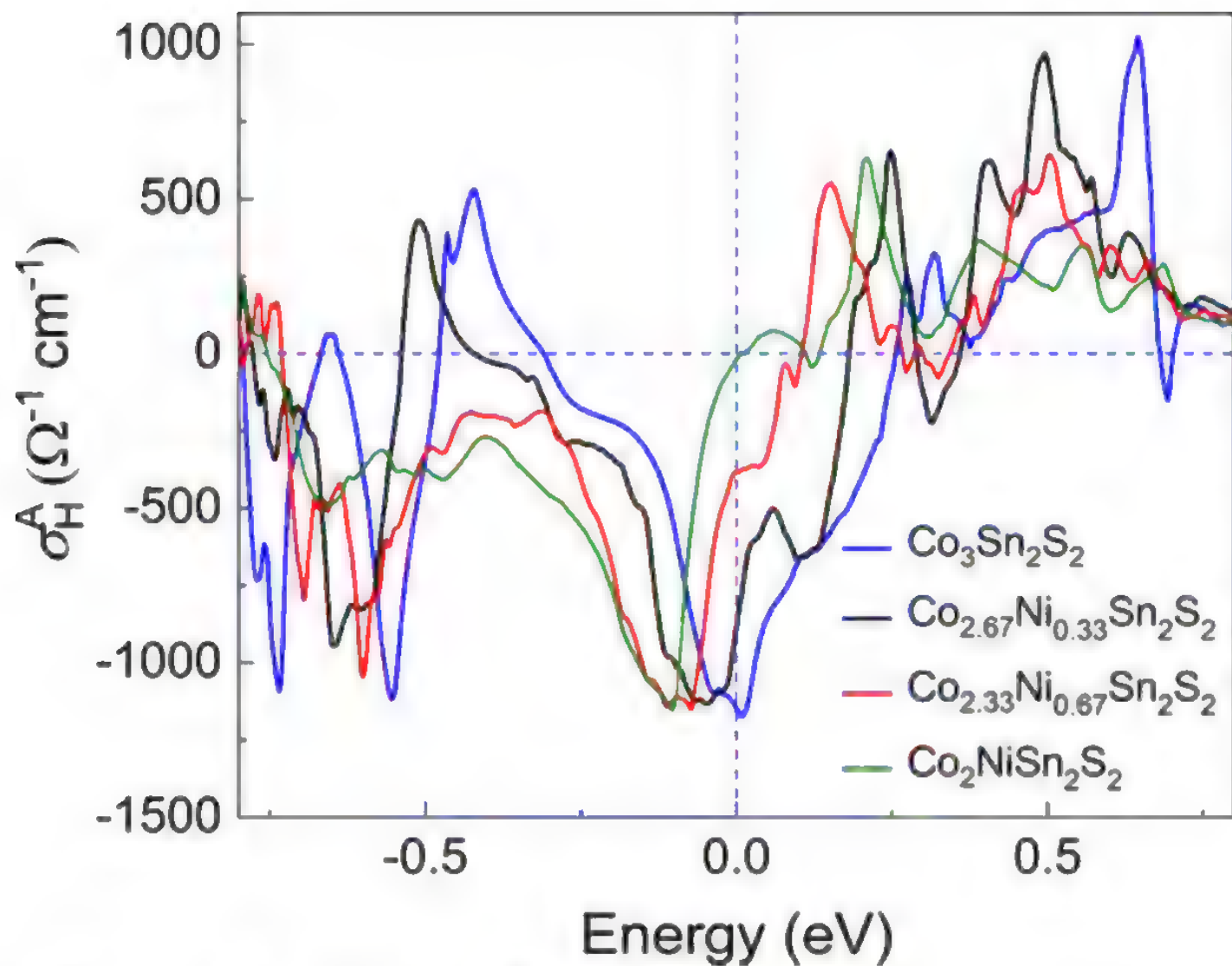
$\mu_0 H_x = 0 \text{ mT}$

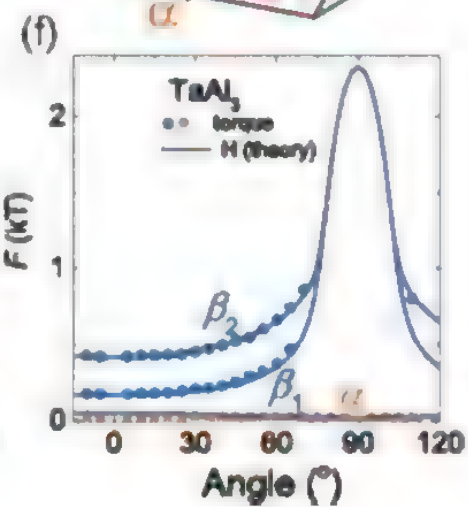
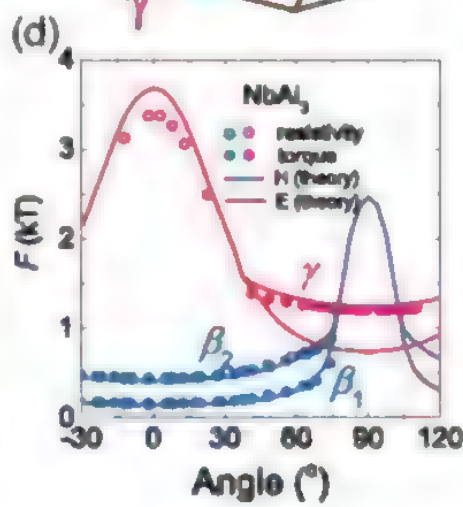
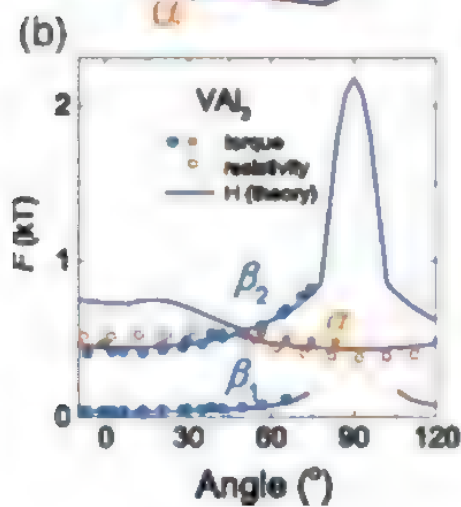
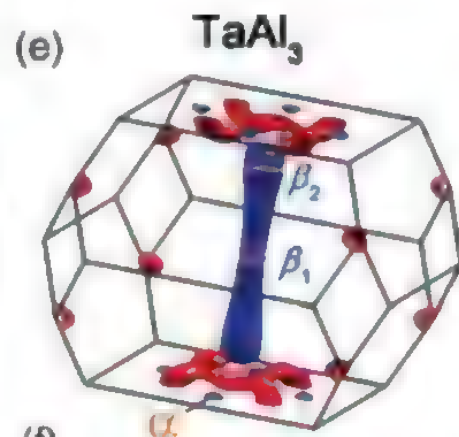
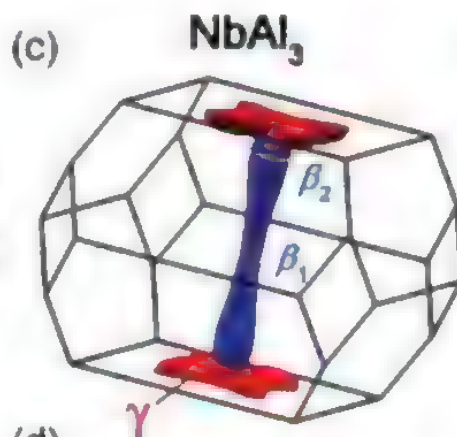
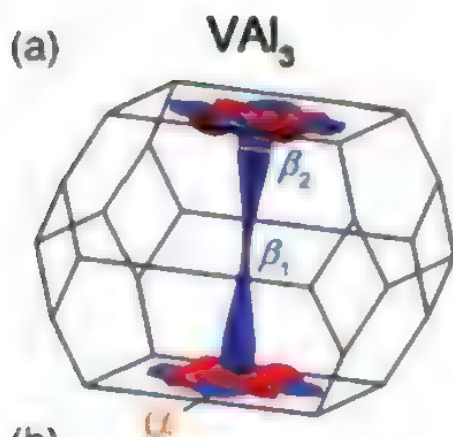
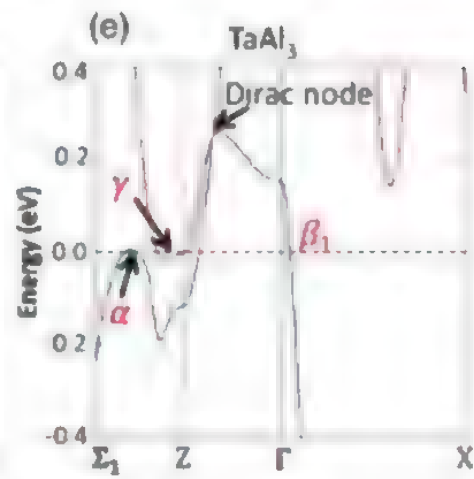
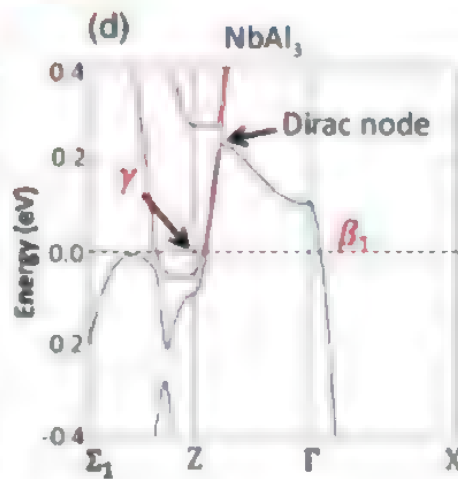
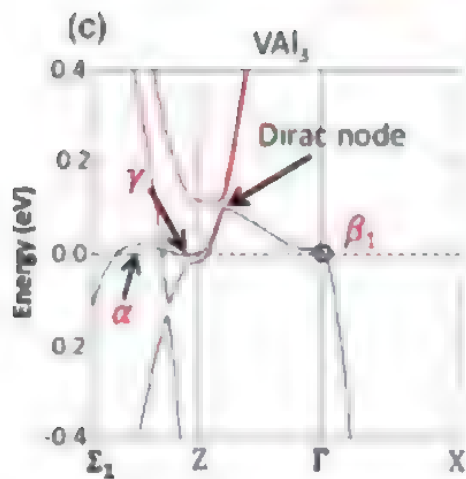
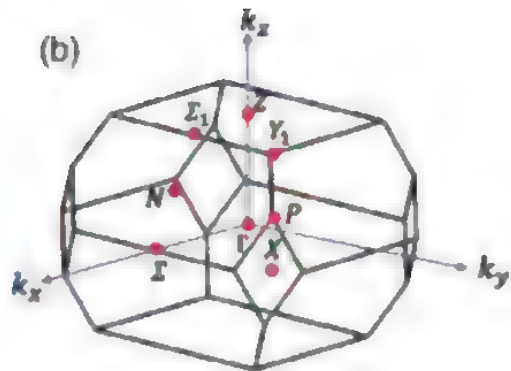
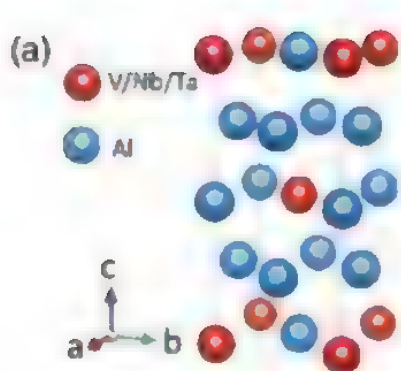
$\mu_0 H_x = +50 \text{ mT}$

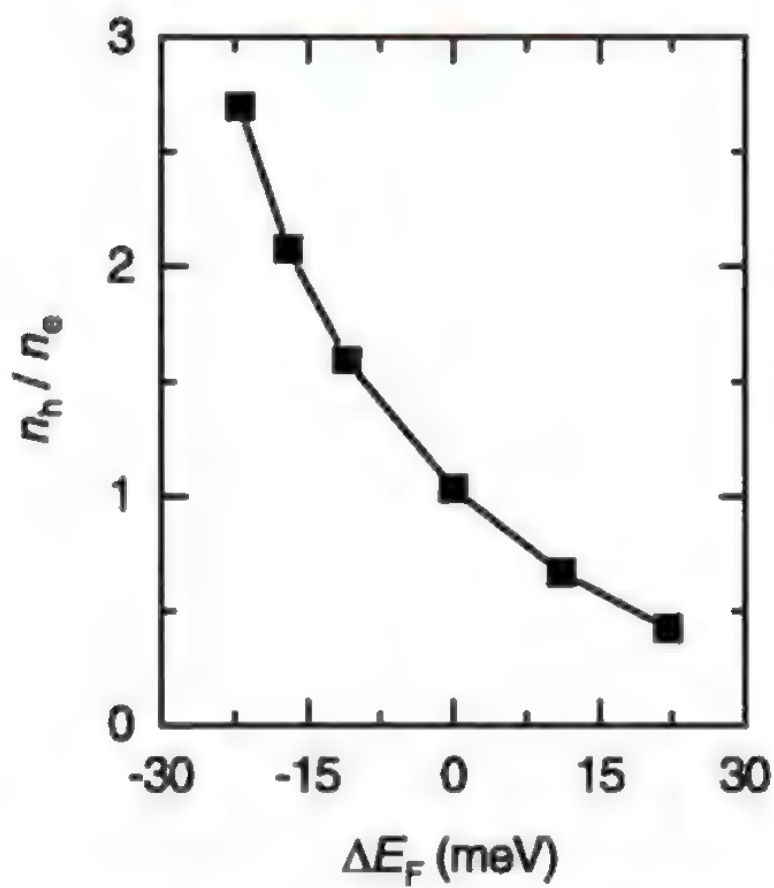
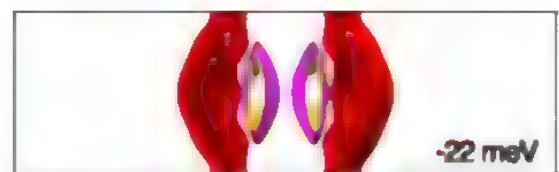
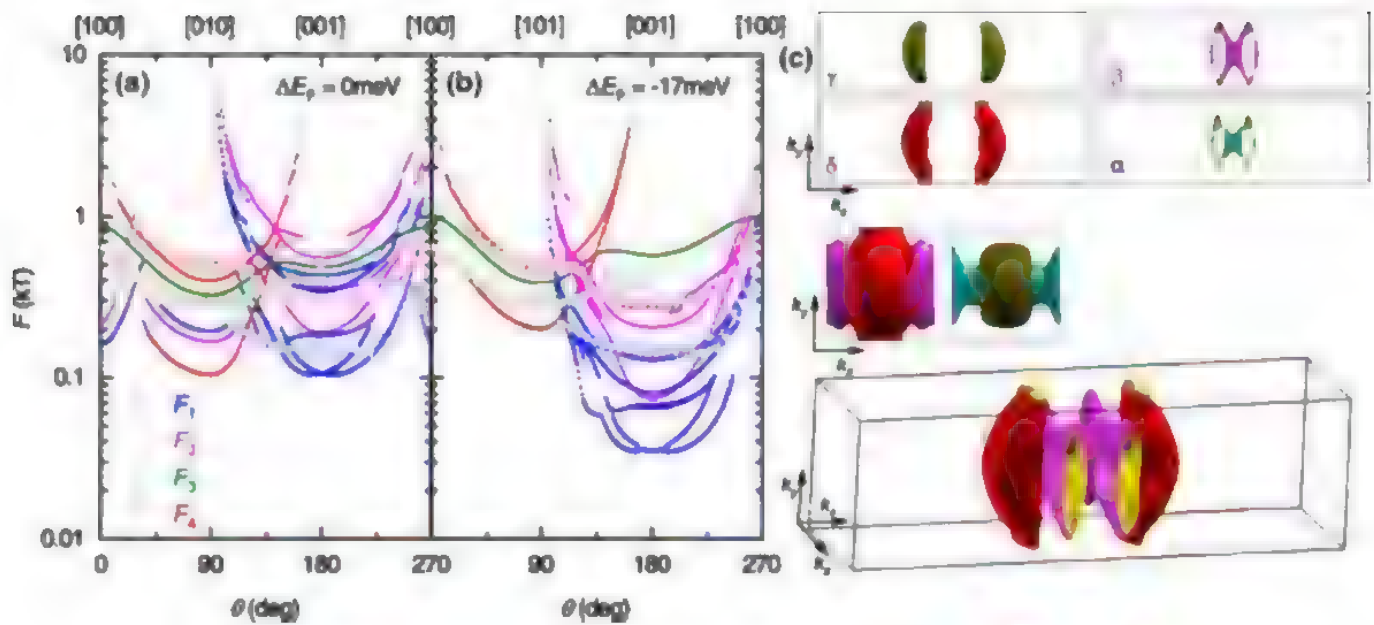


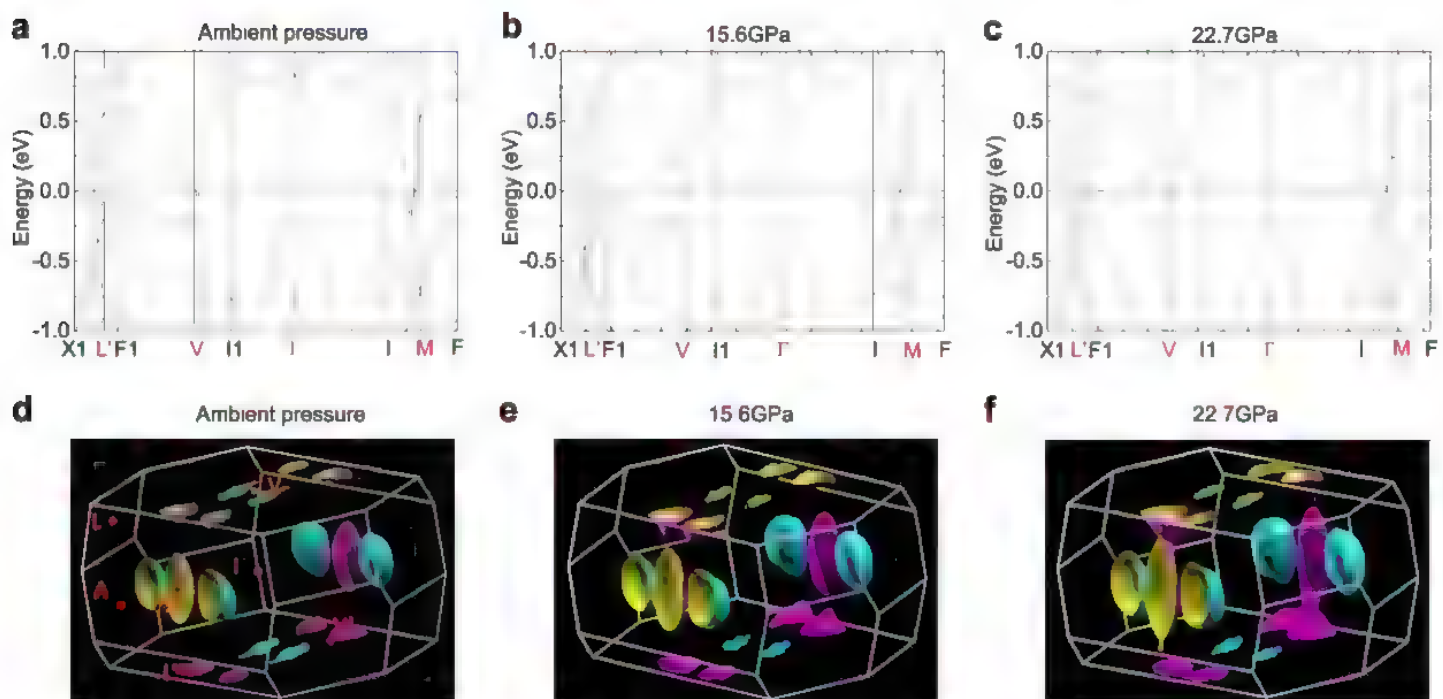
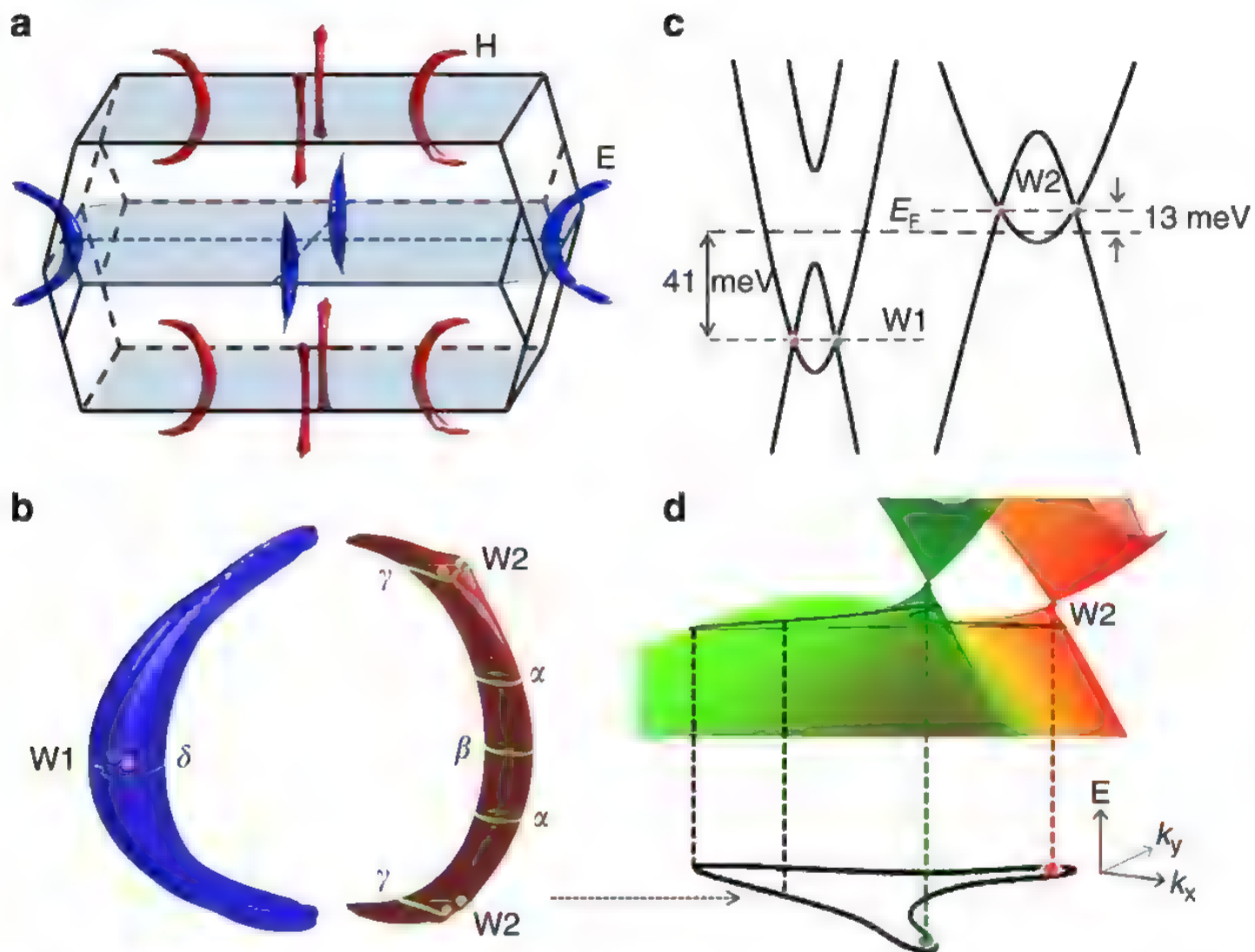


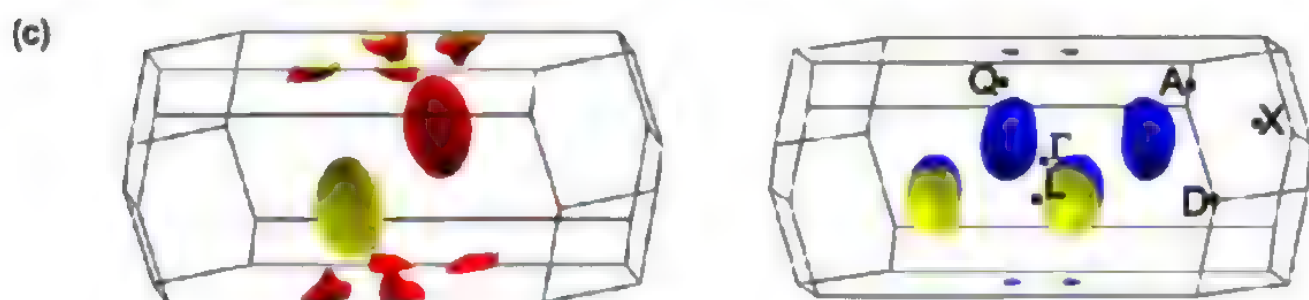
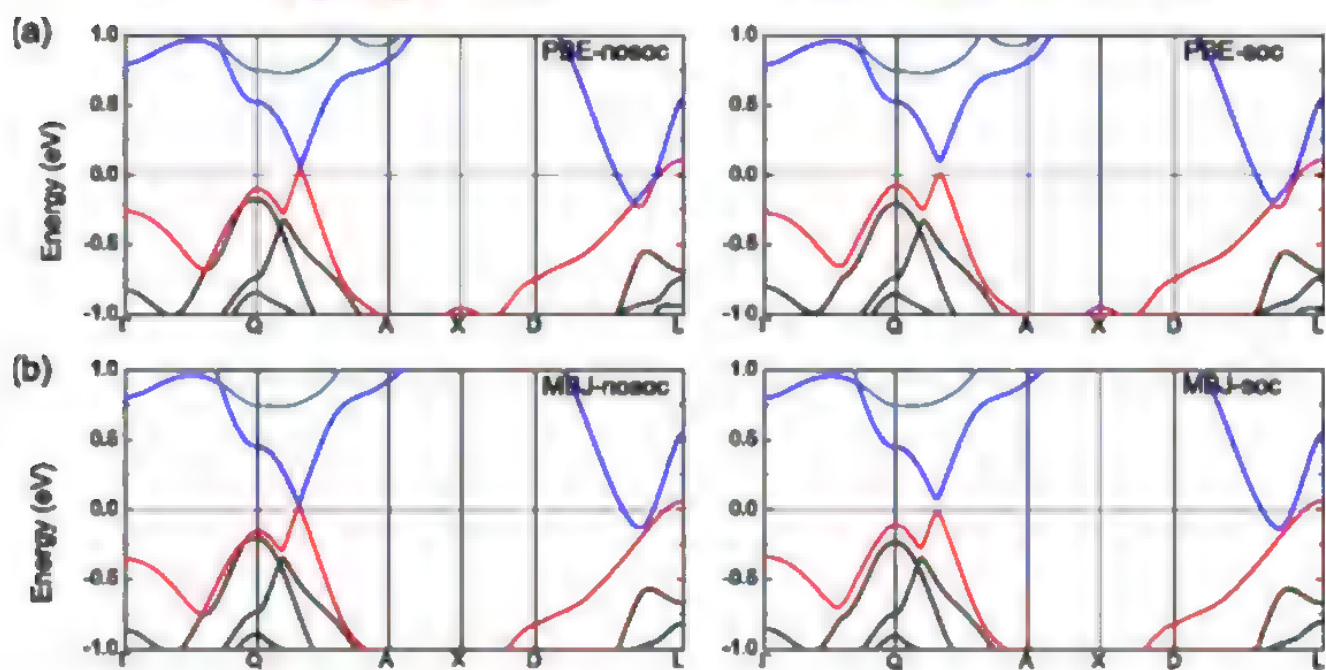
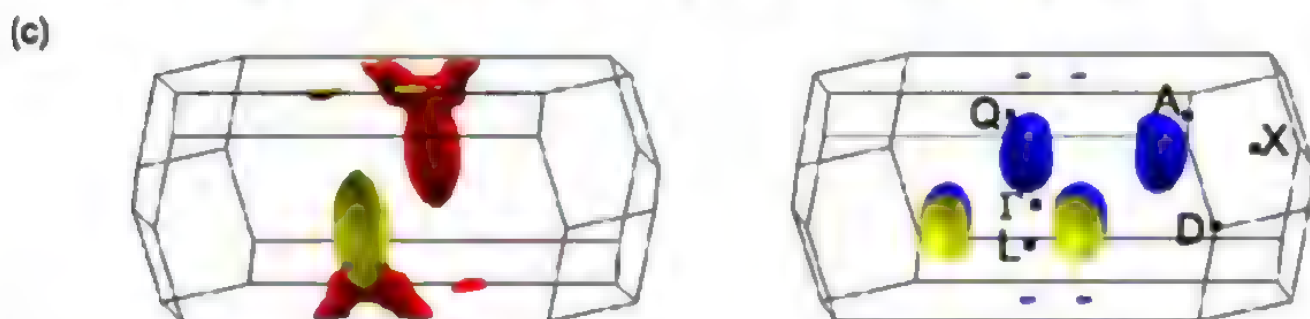
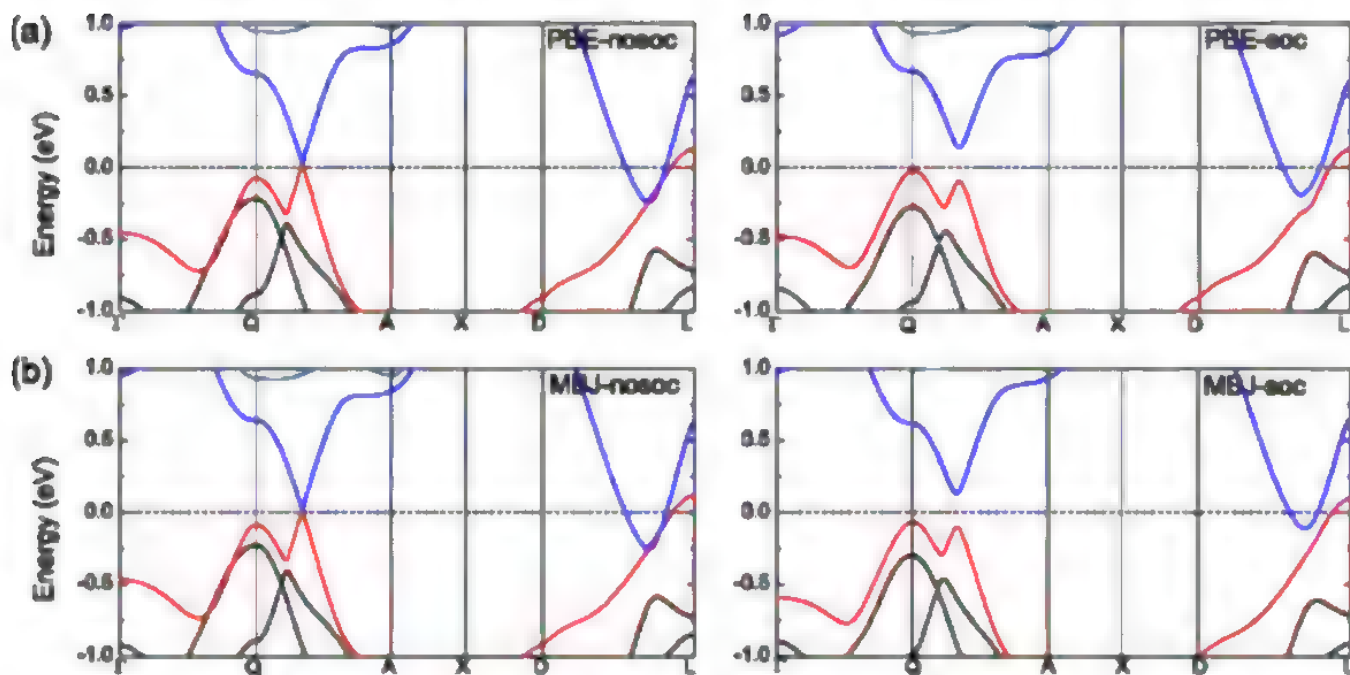


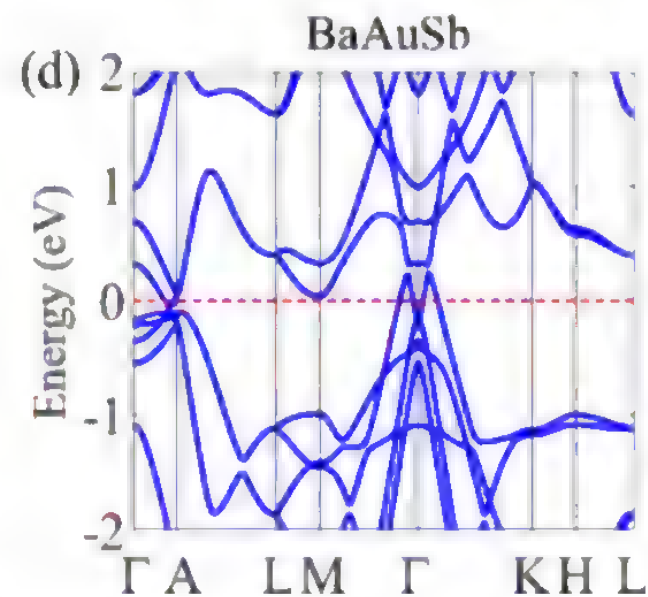
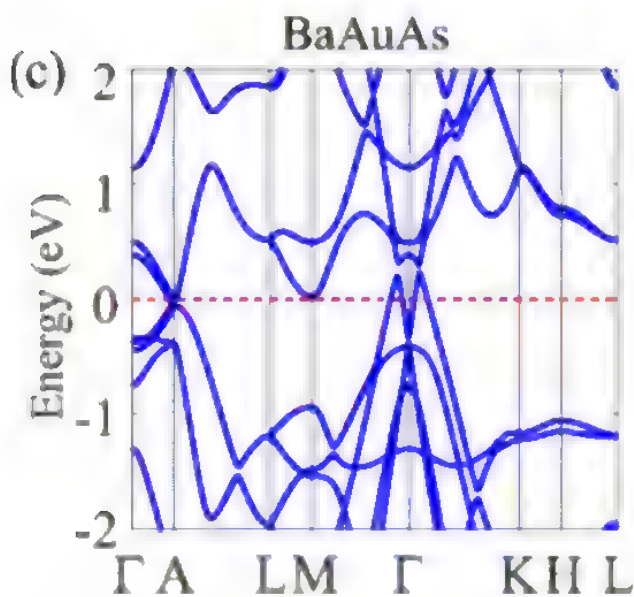
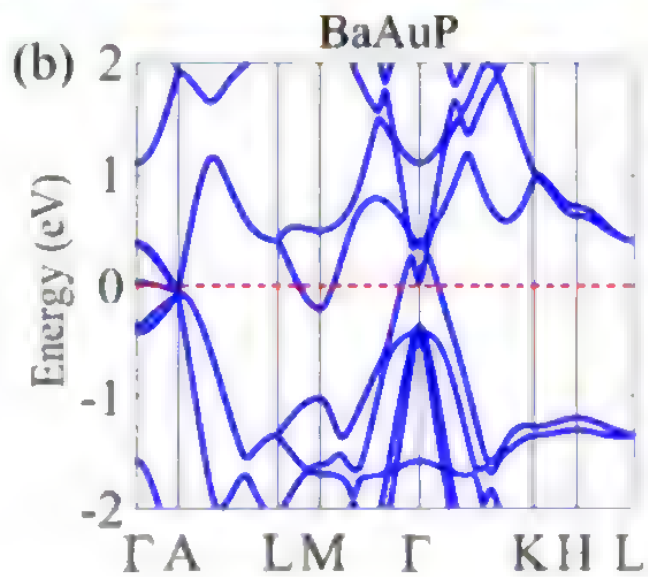
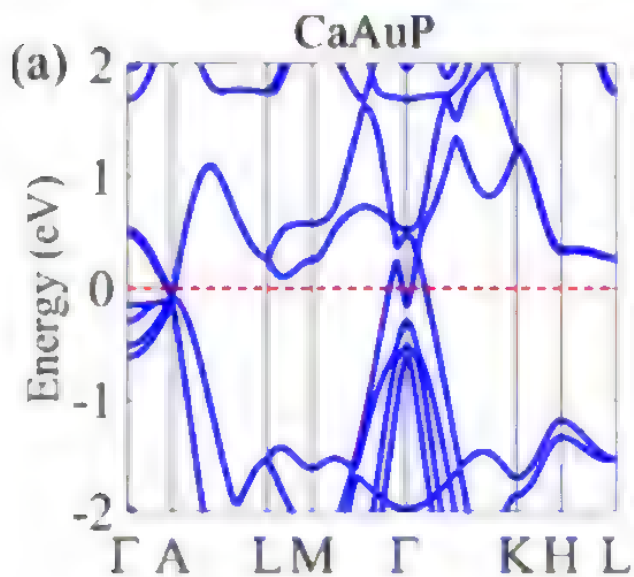
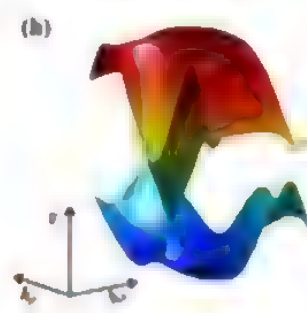
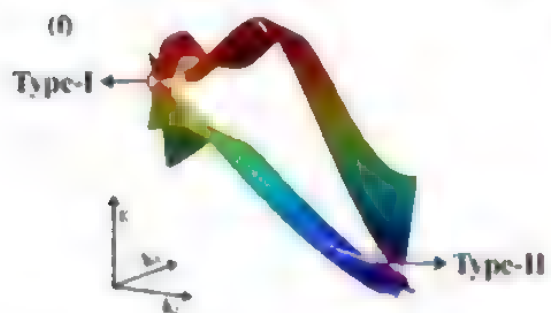
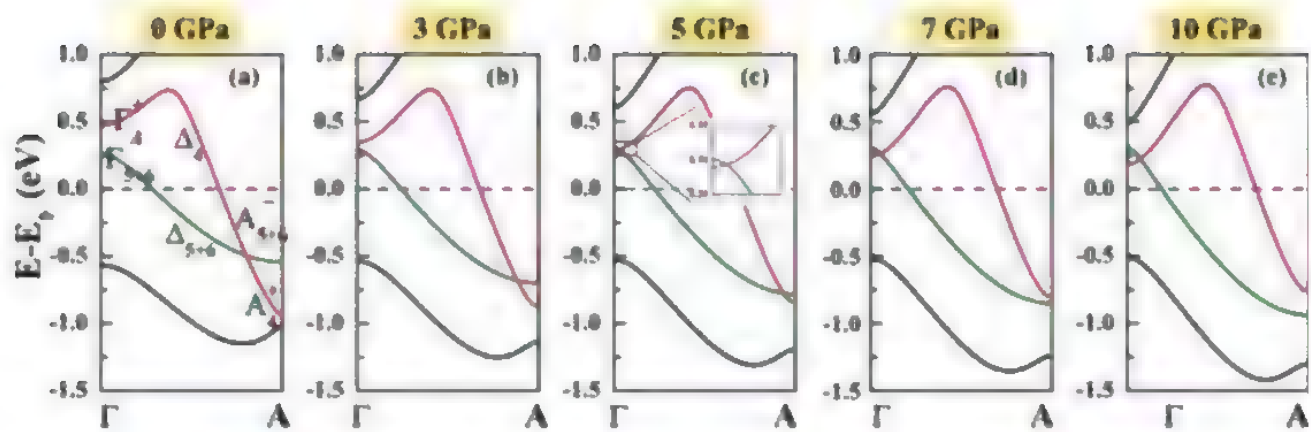


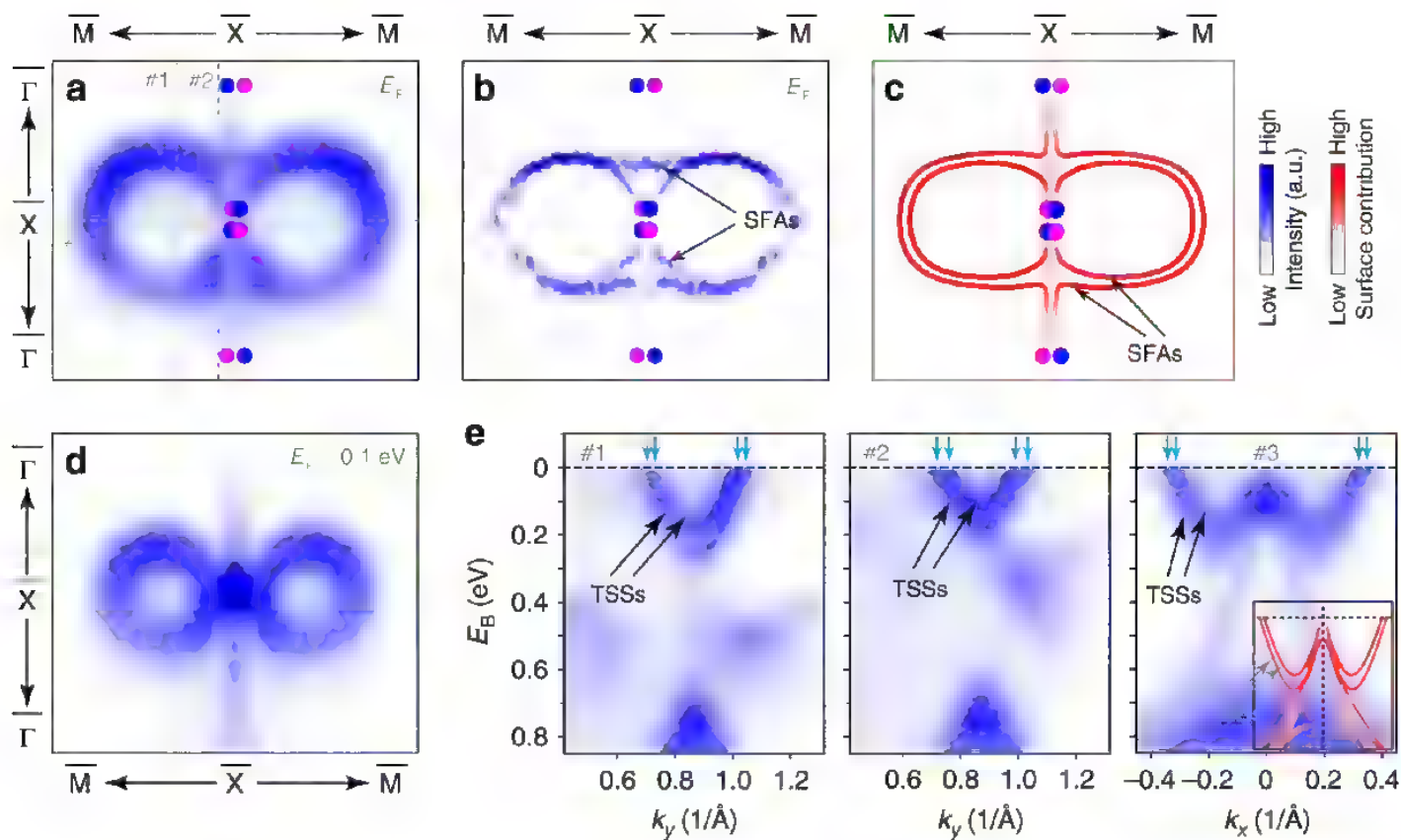
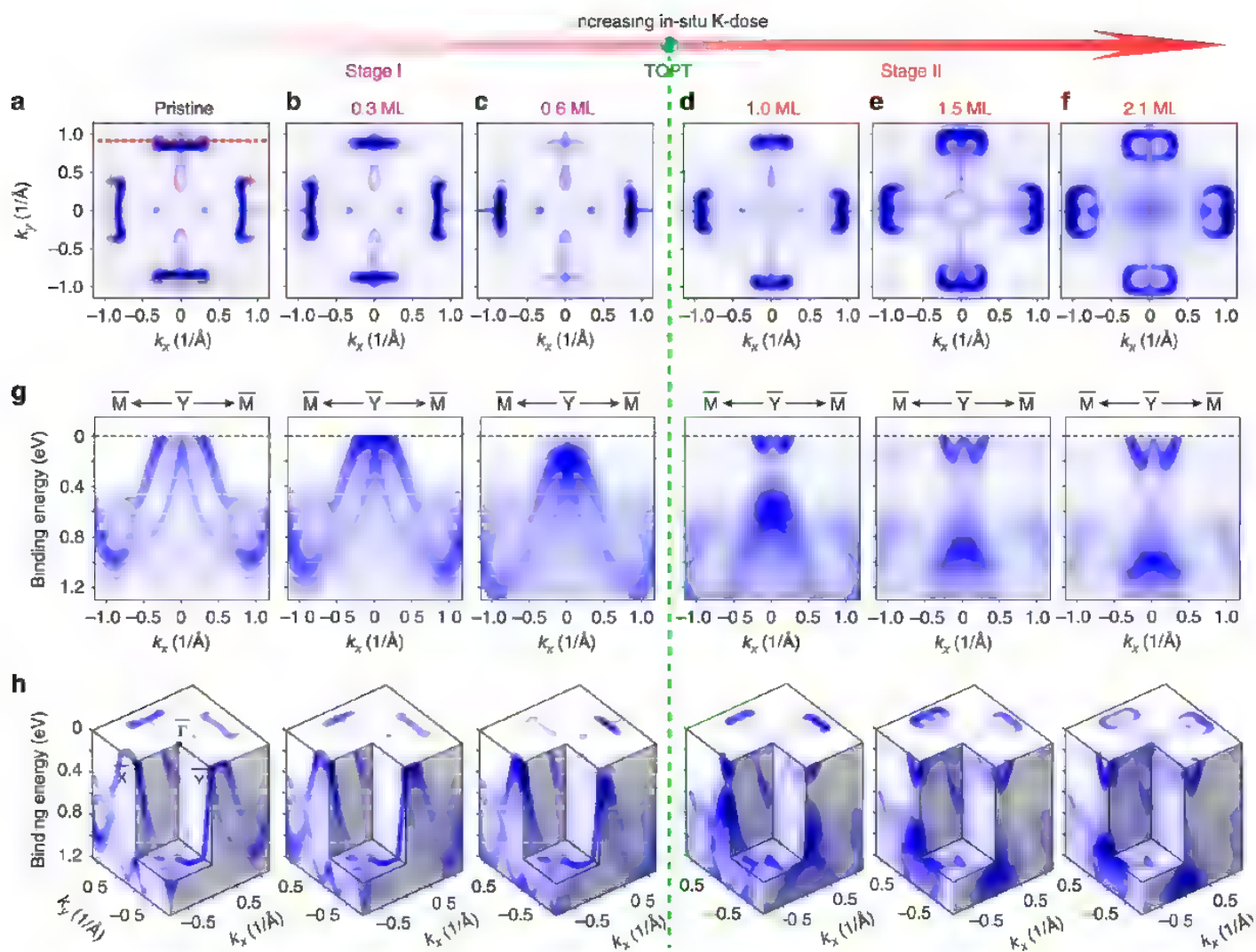


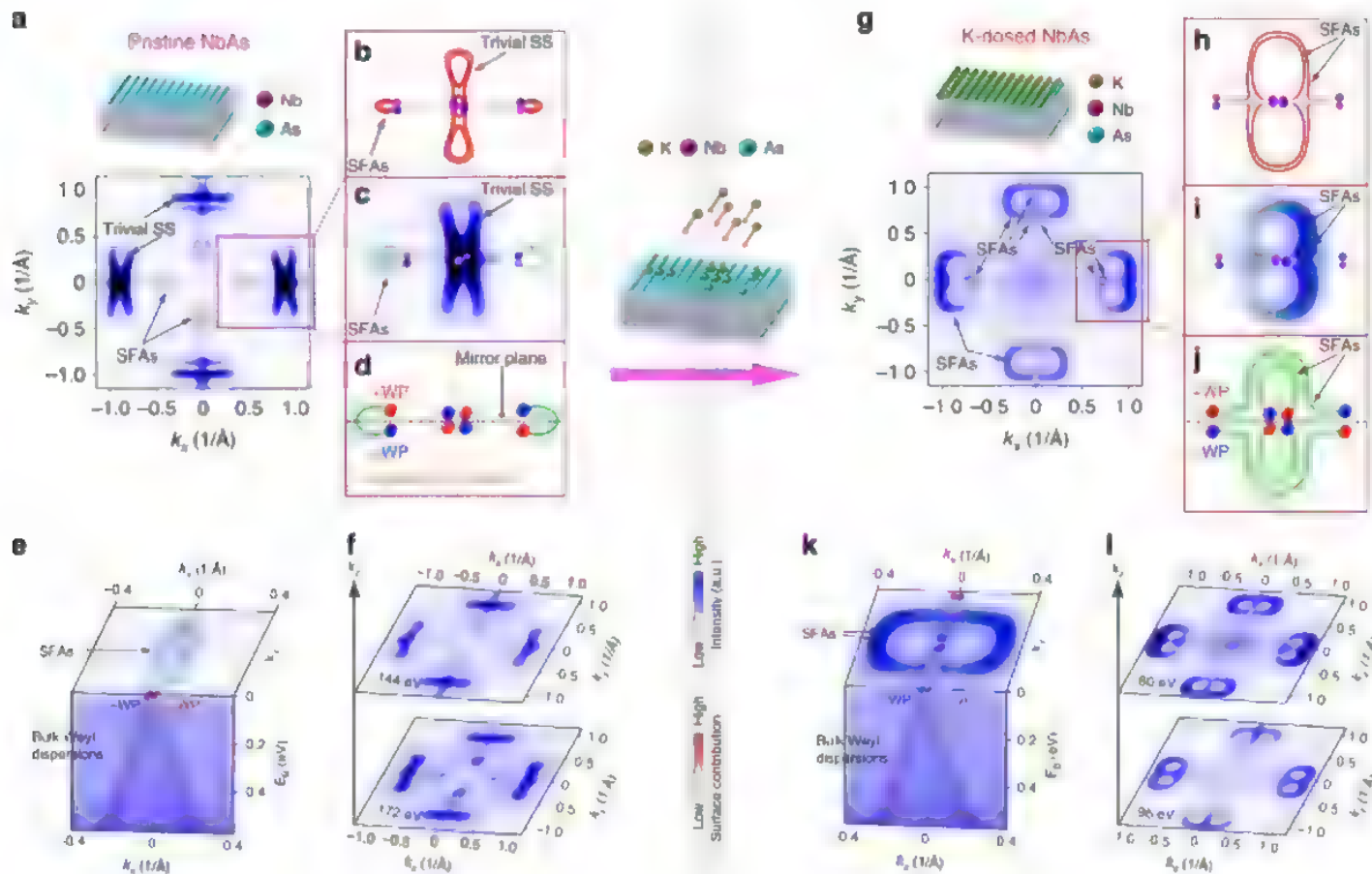
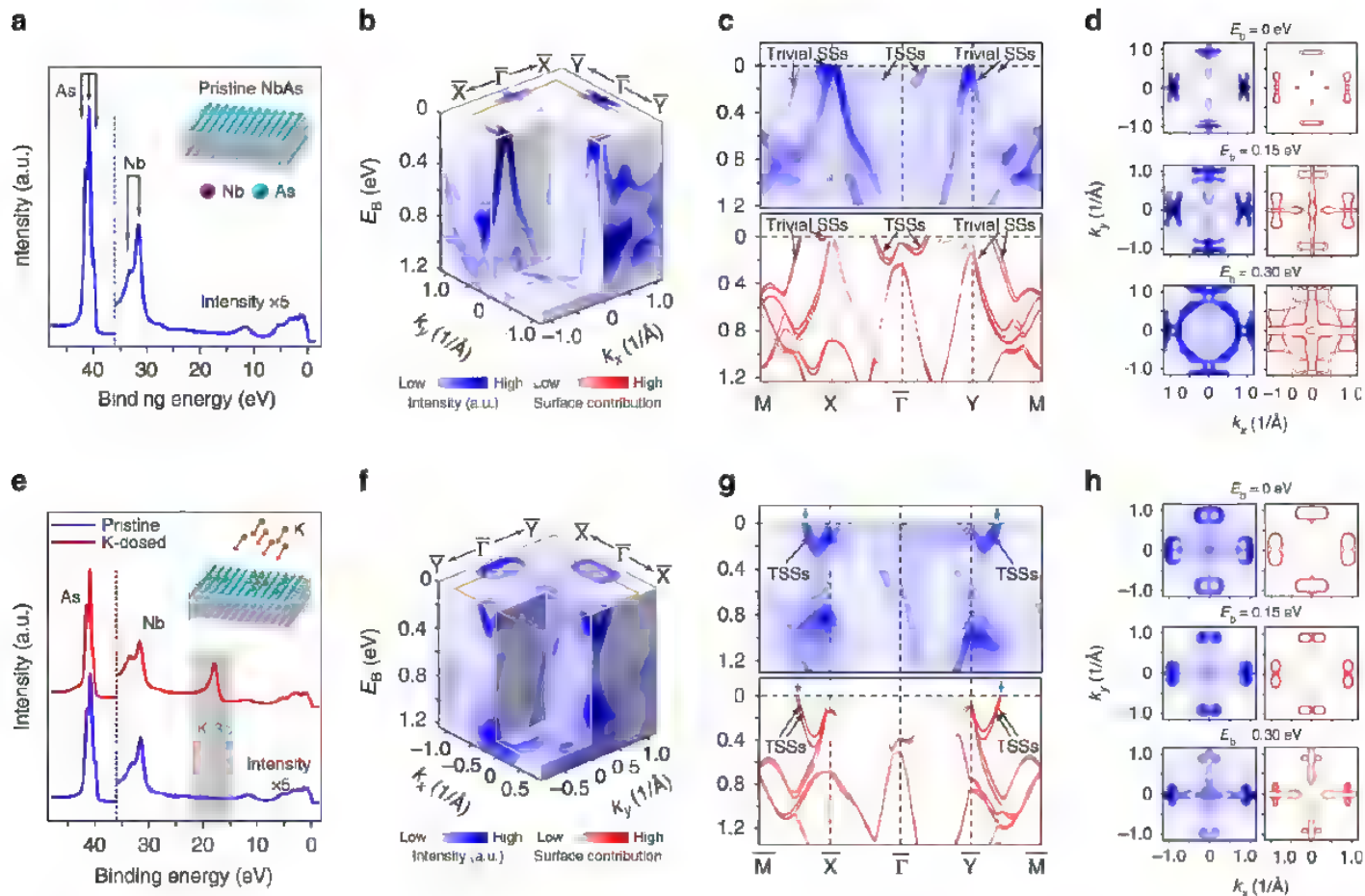


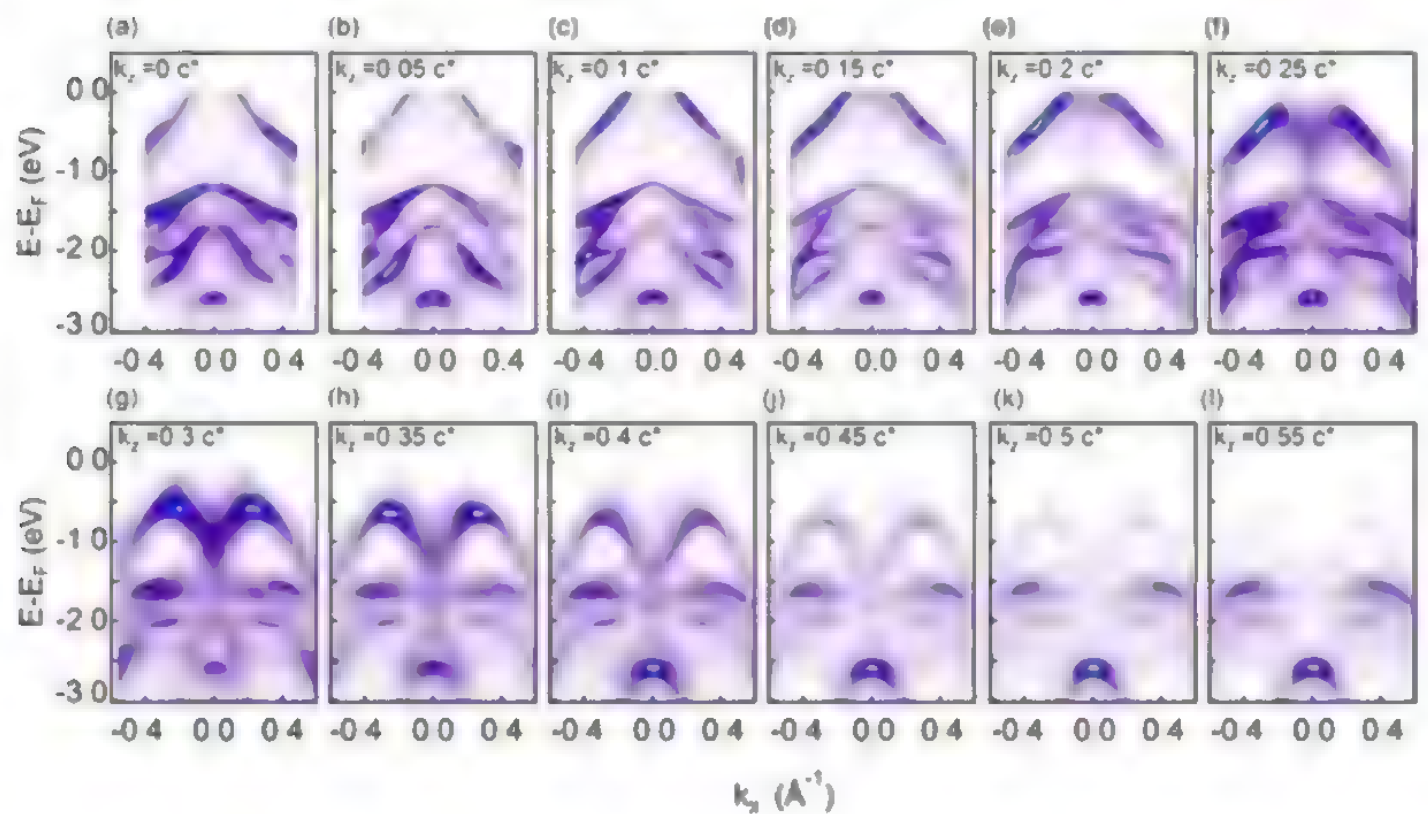
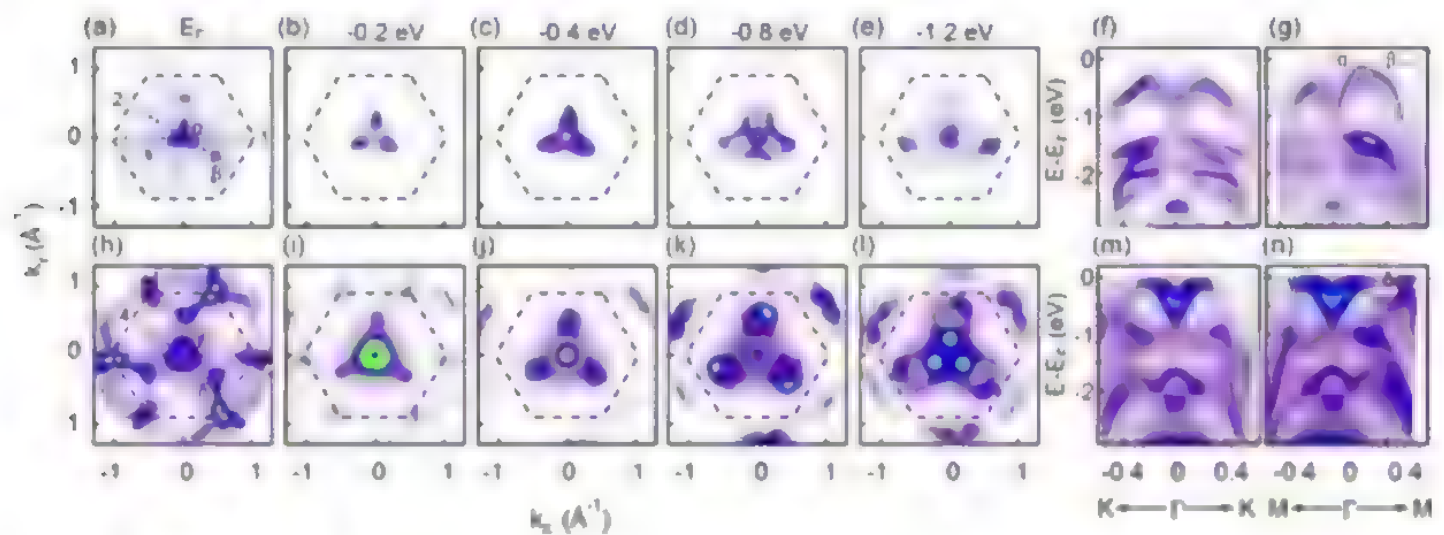
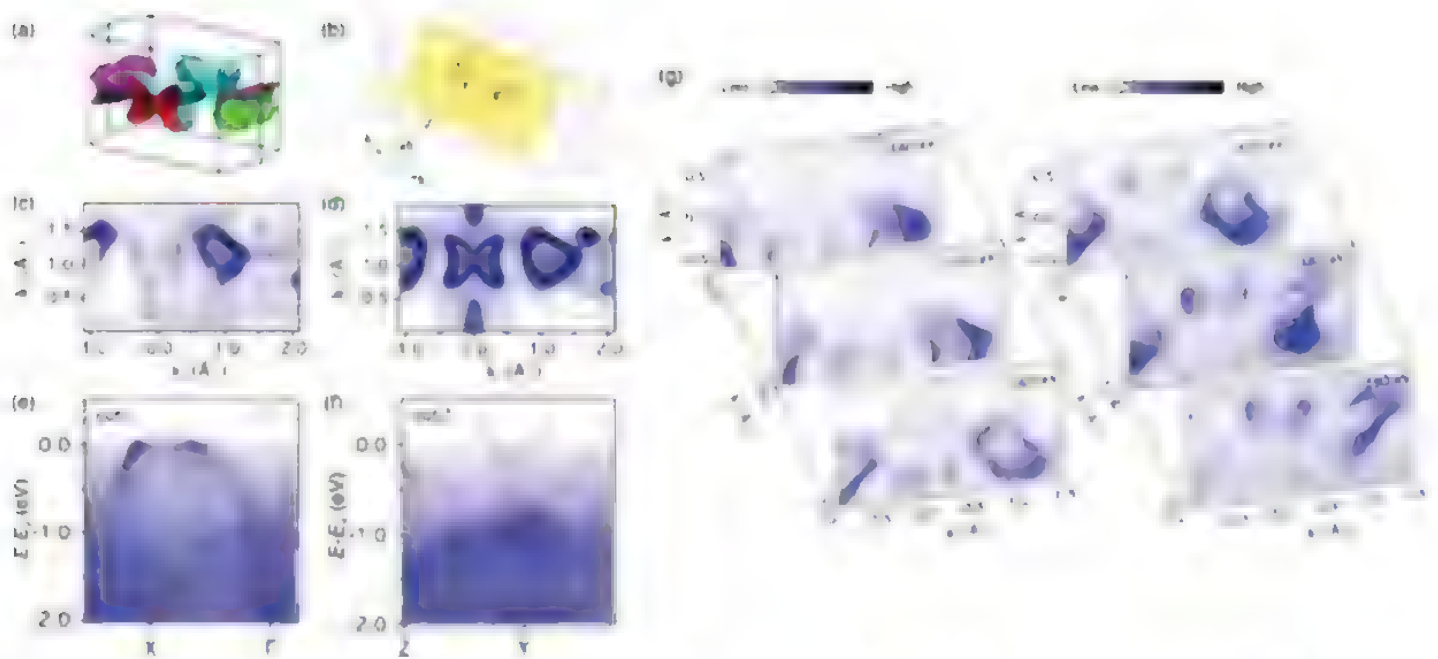




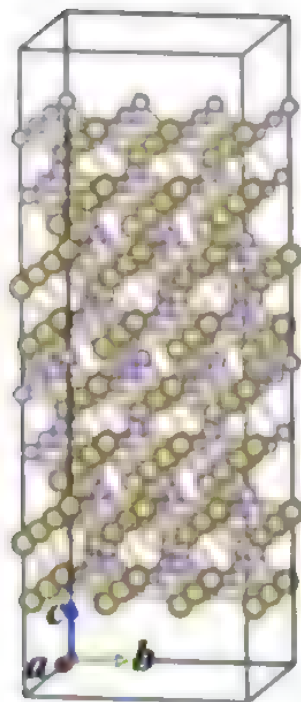








(a)



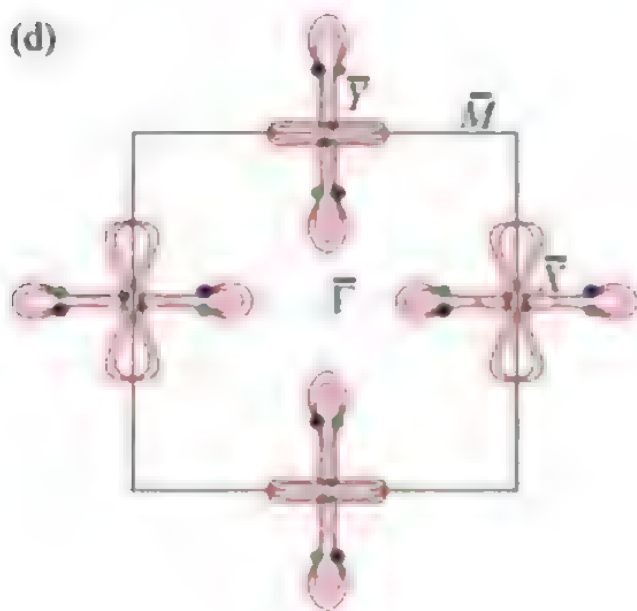
(b)



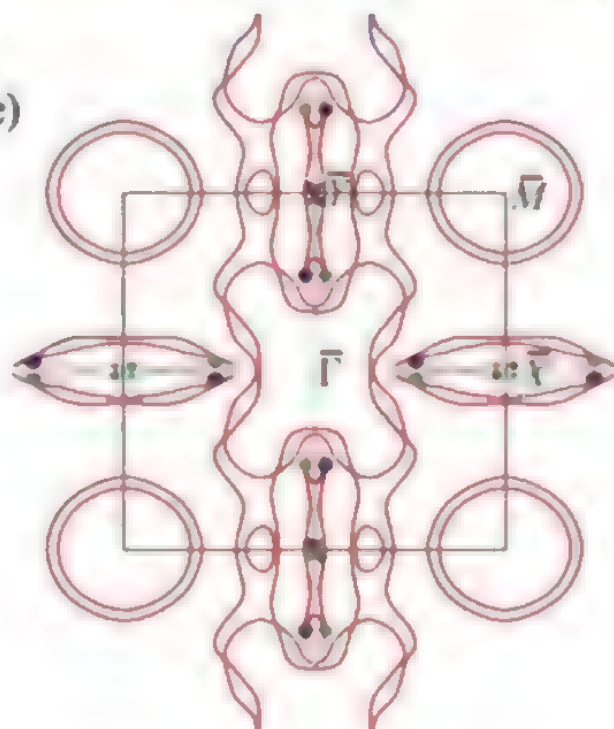
(c)

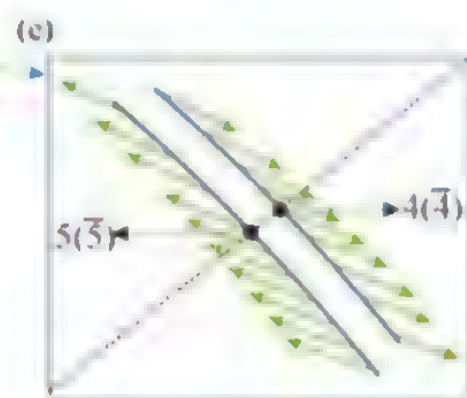
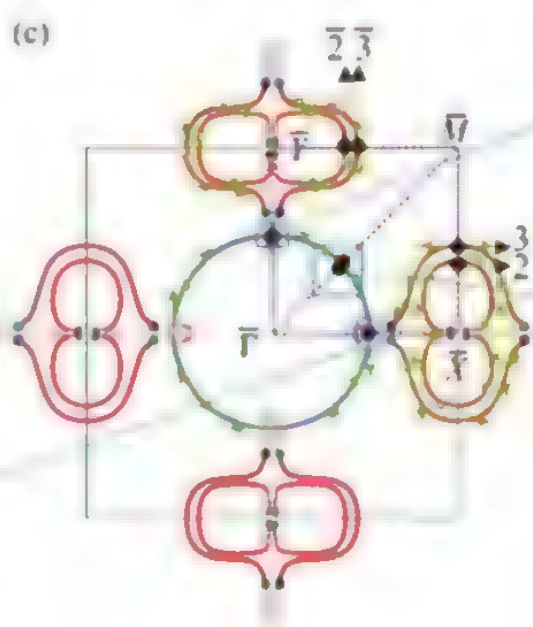
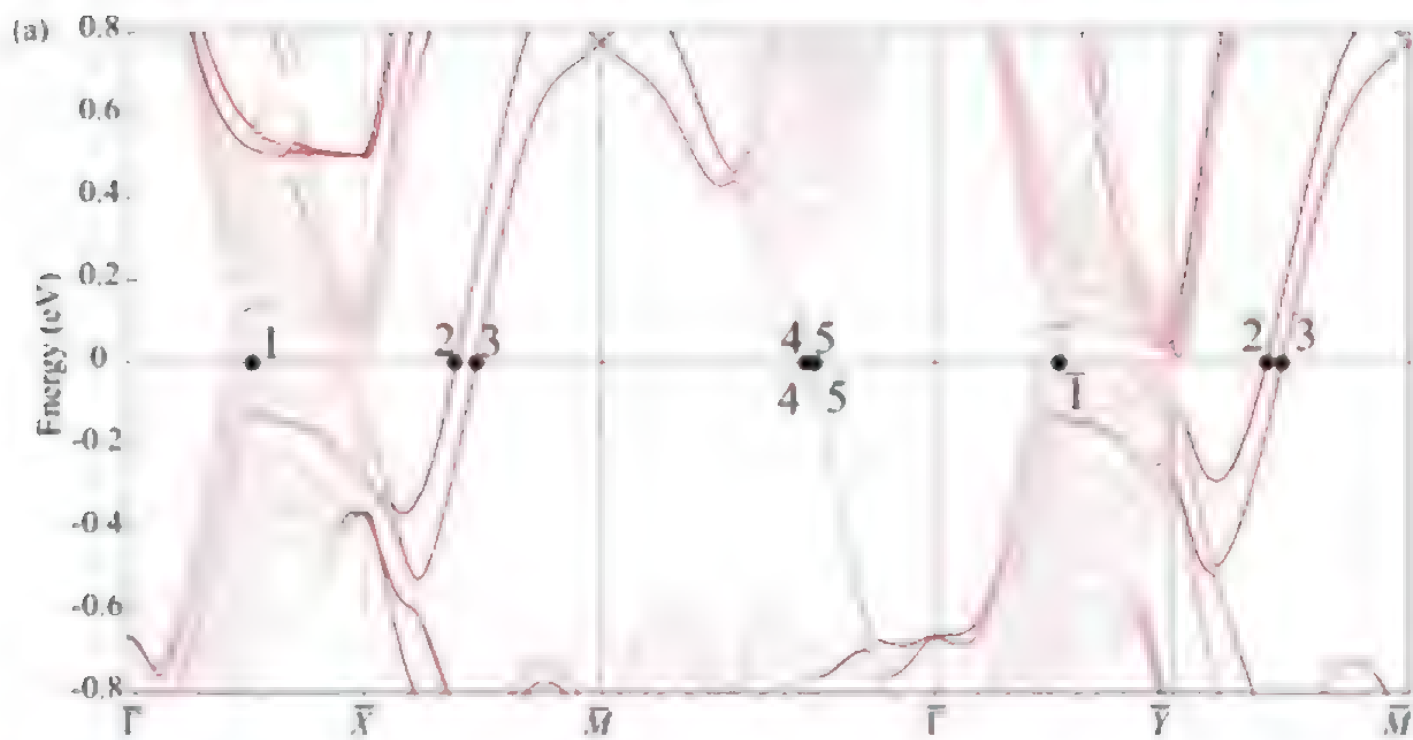


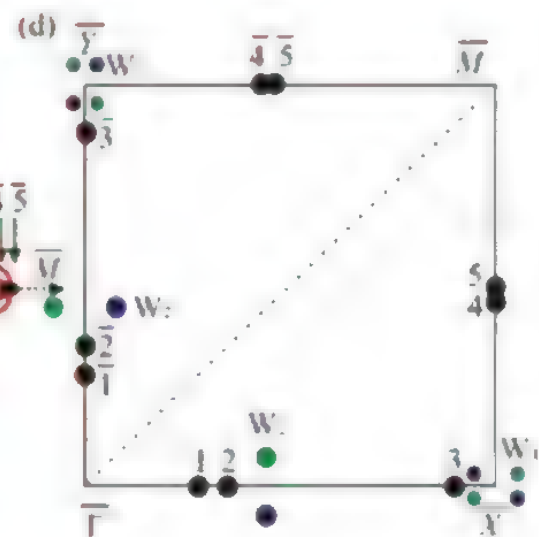
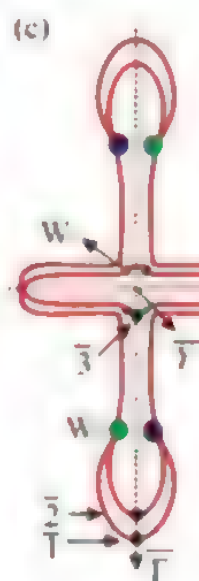
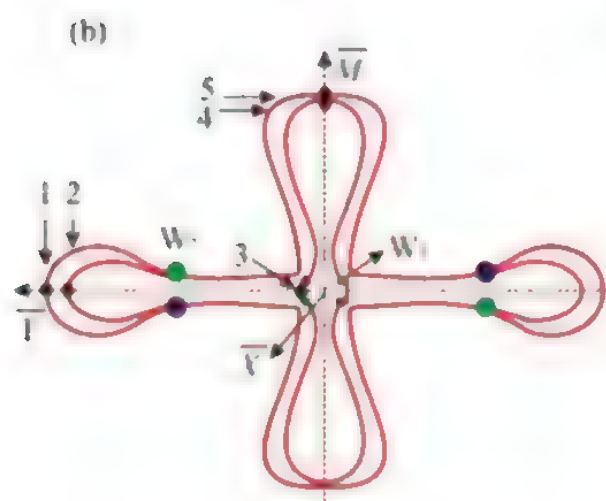
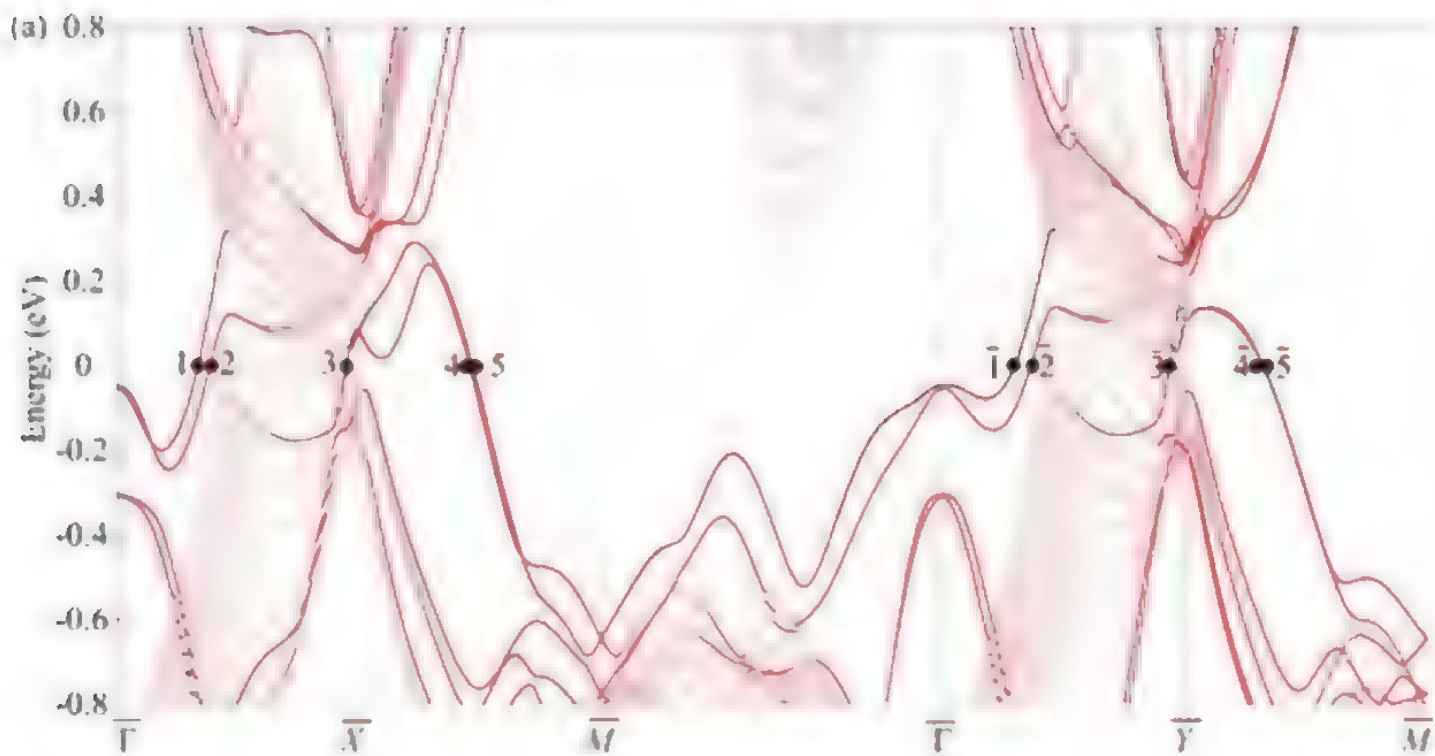
(d)

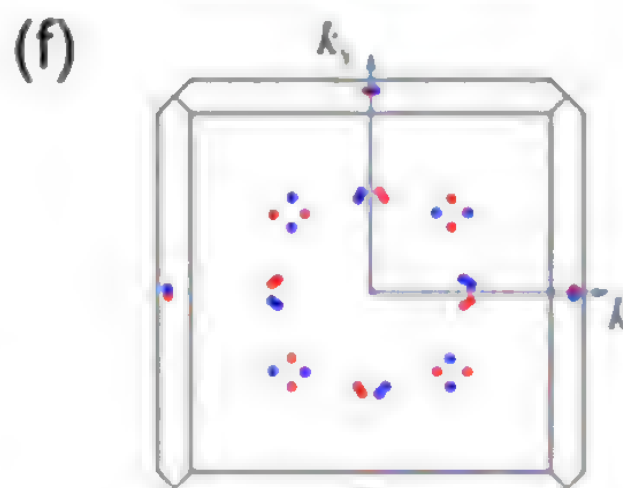
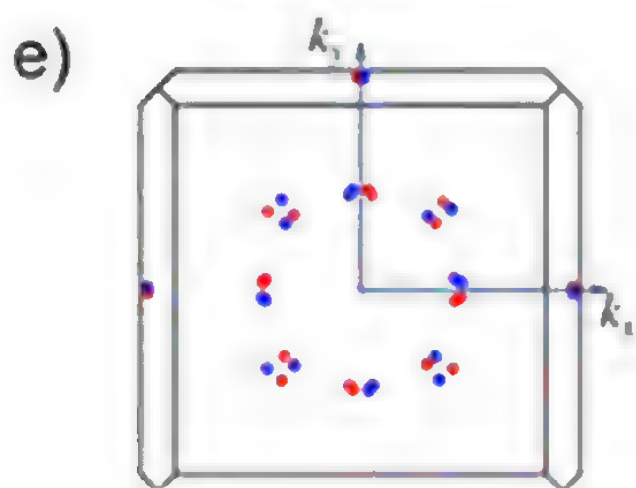
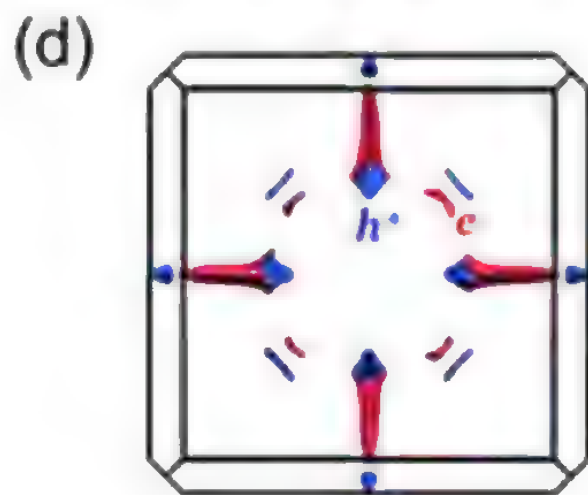
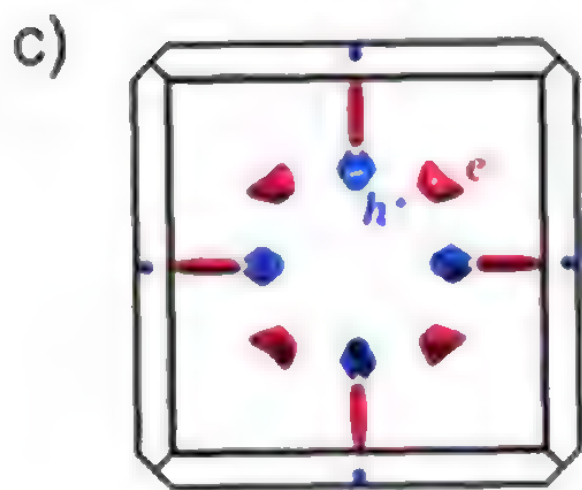
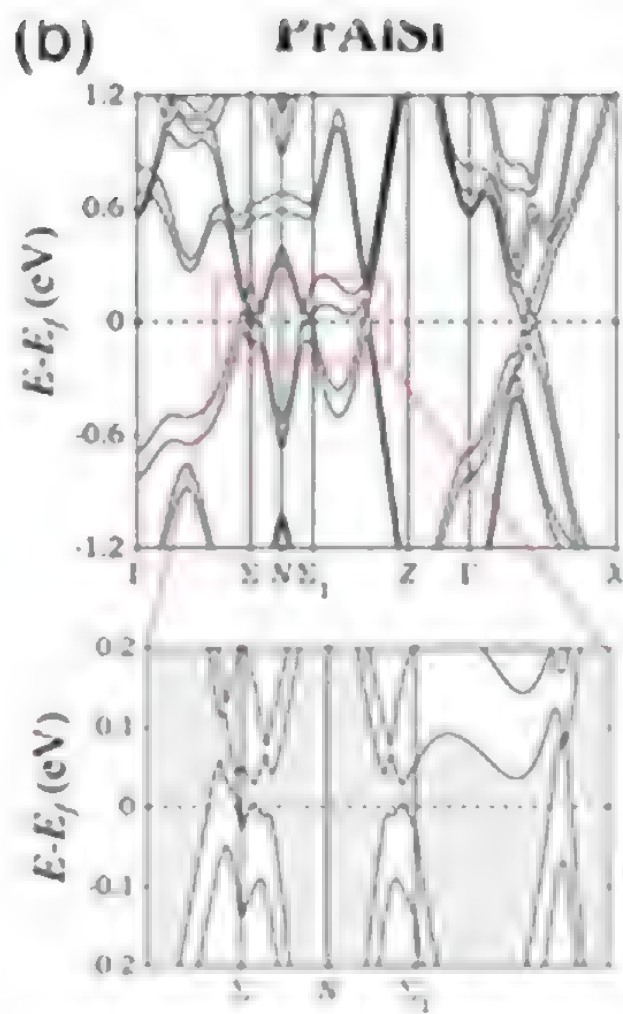
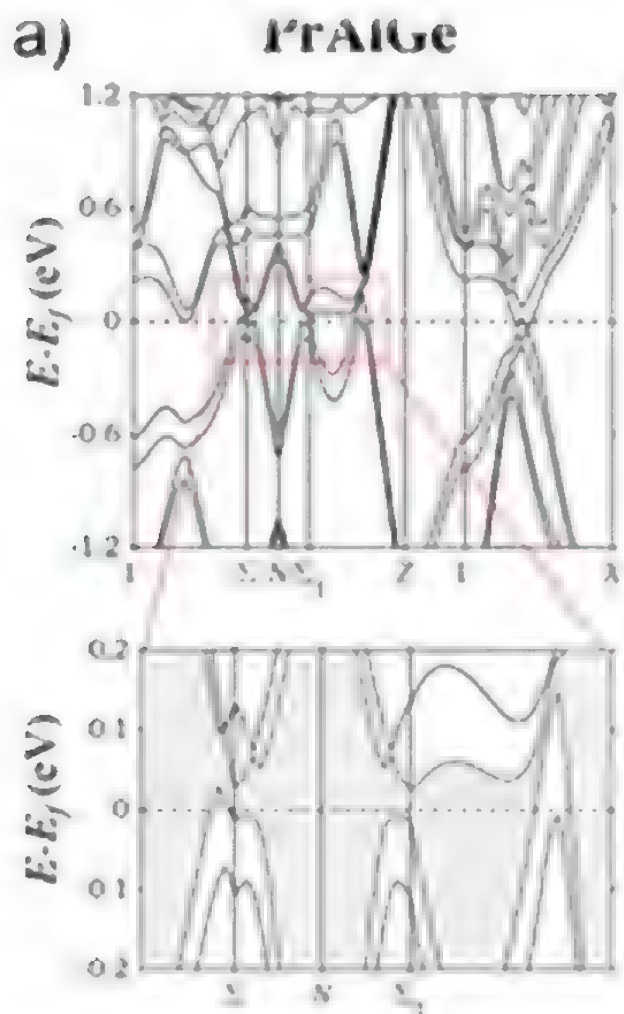


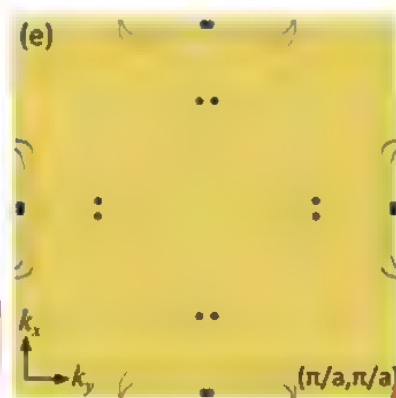
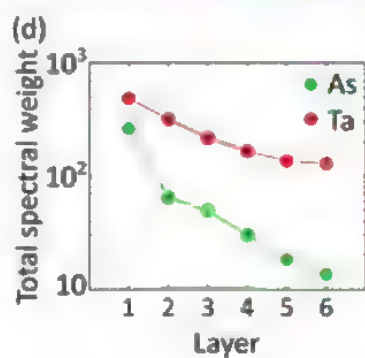
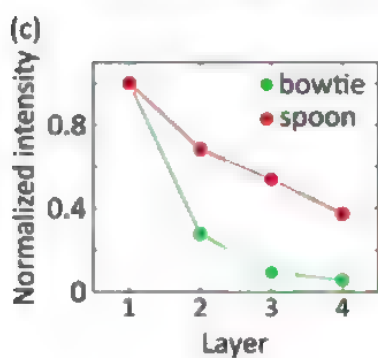
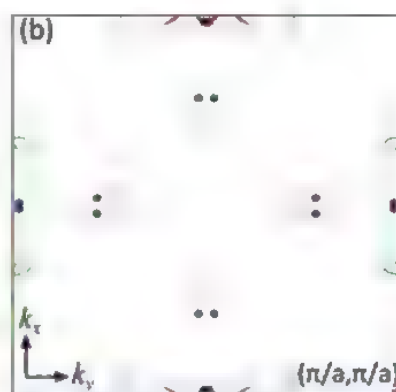
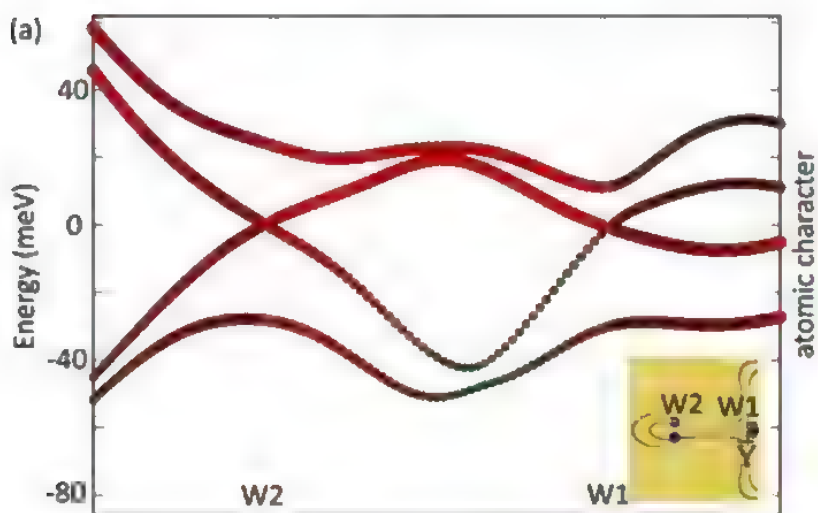
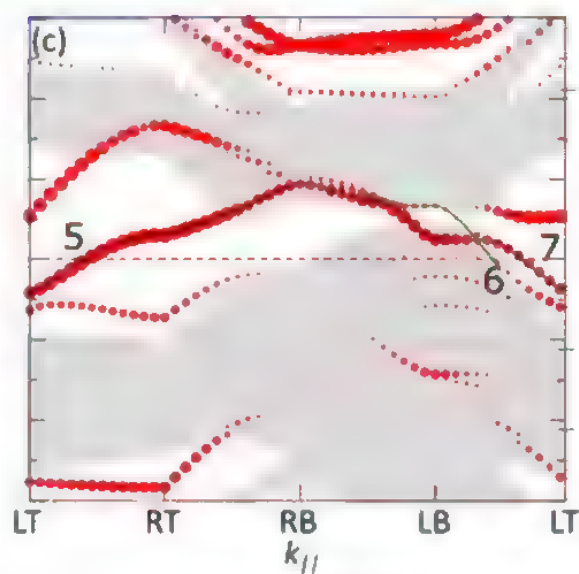
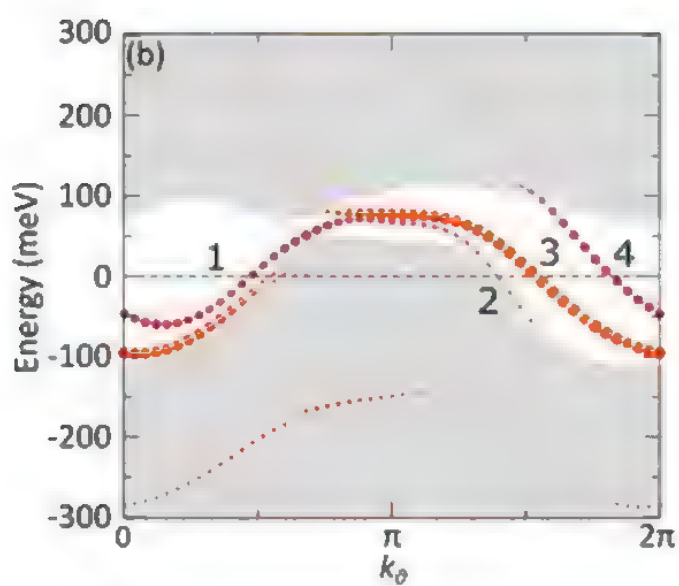
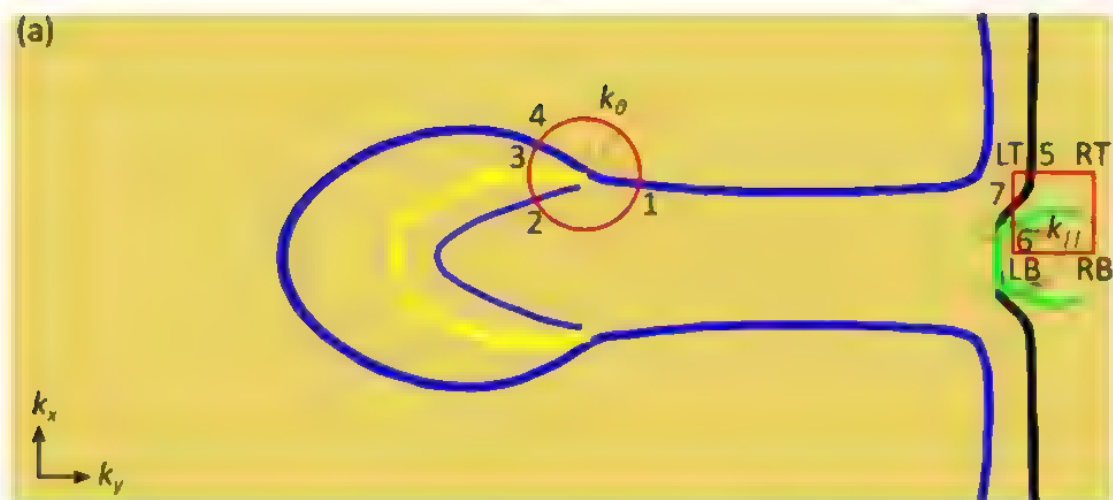
(e)





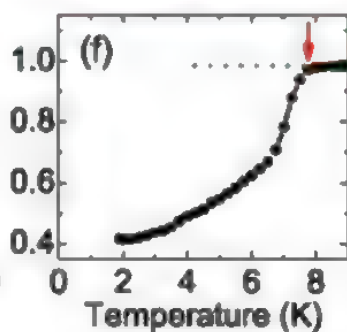
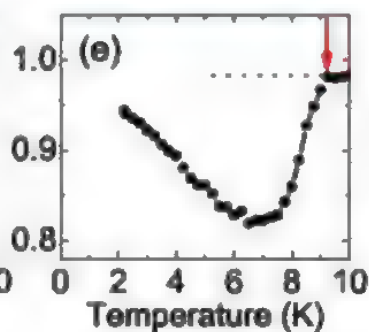
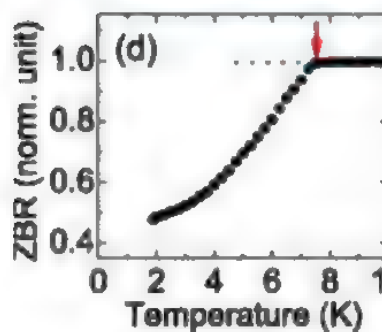
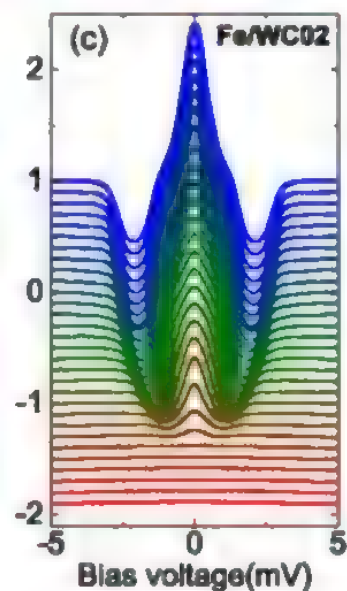
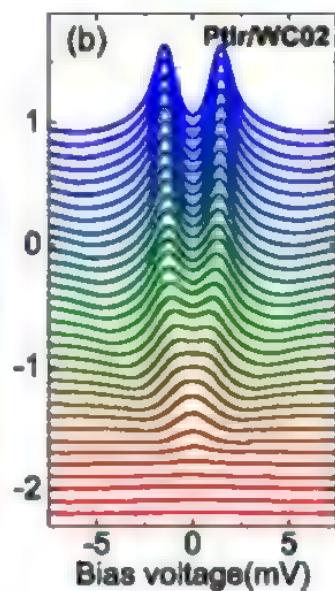
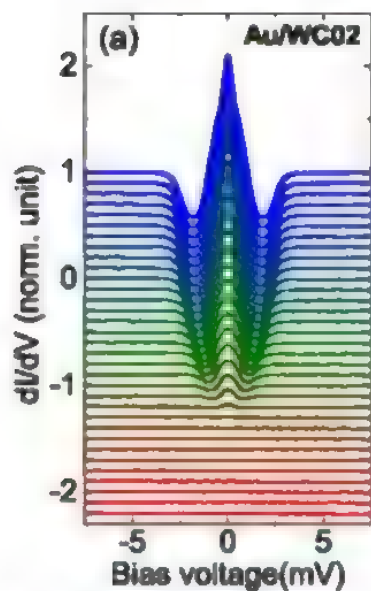
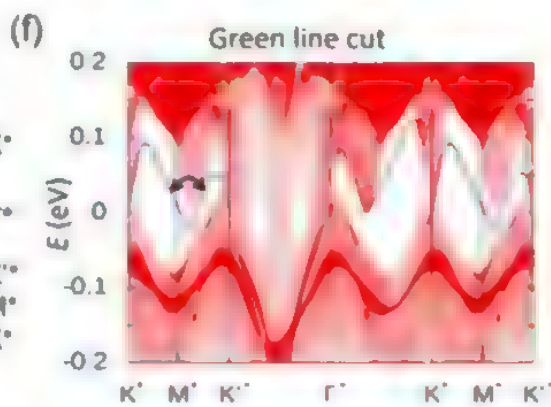
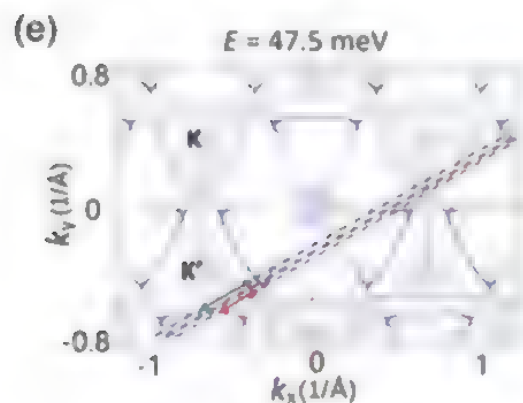
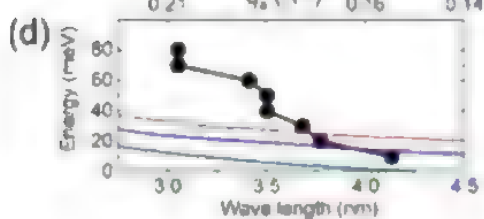
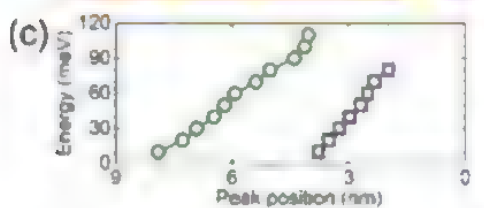
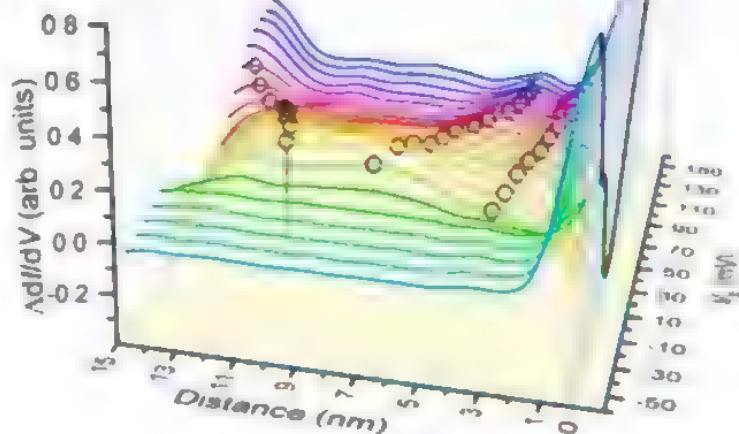


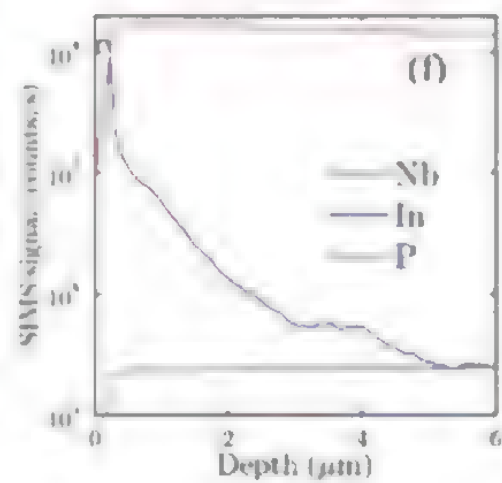
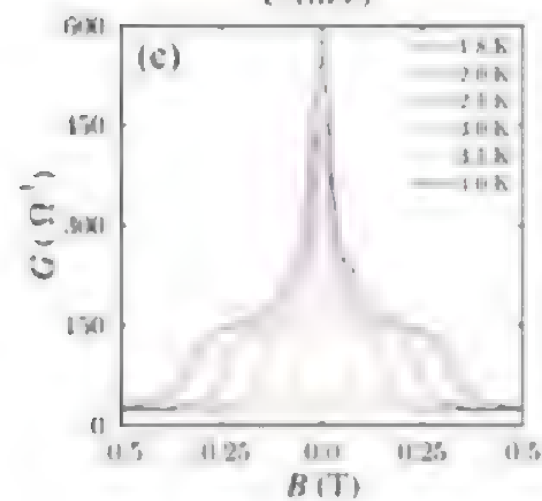
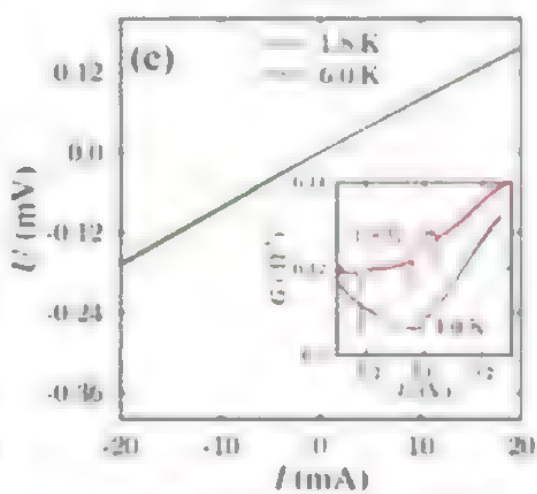
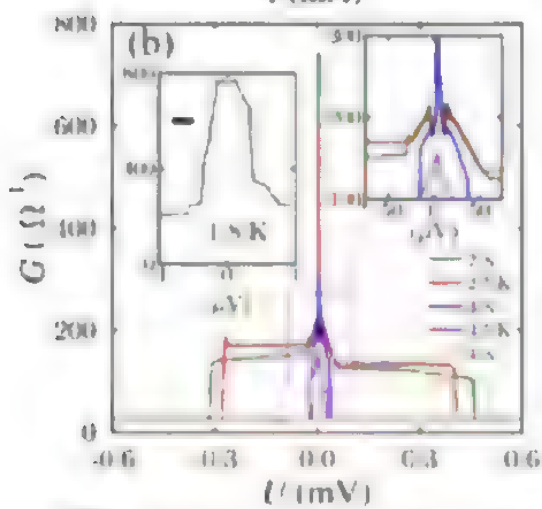
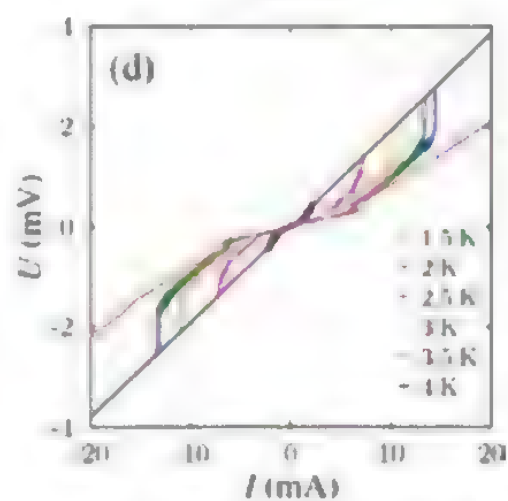
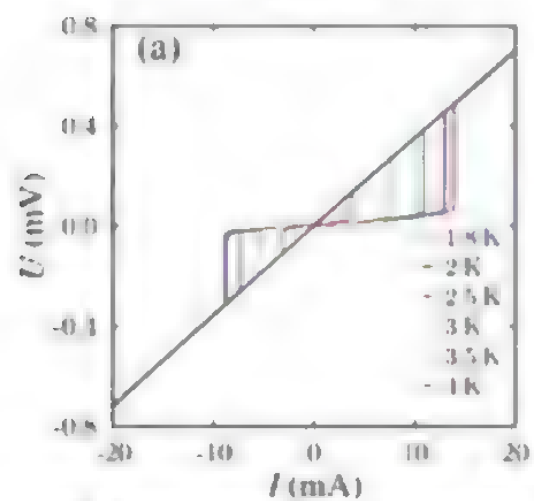
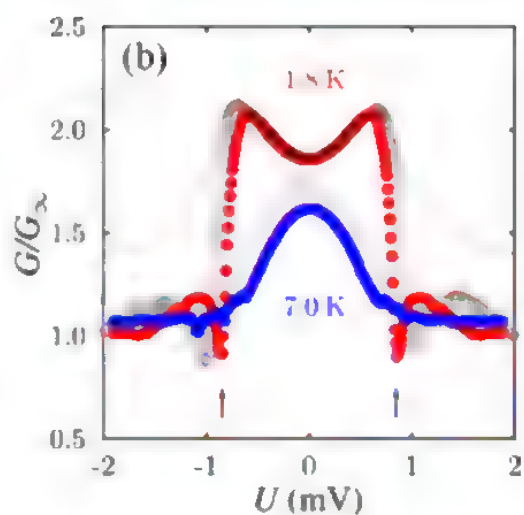
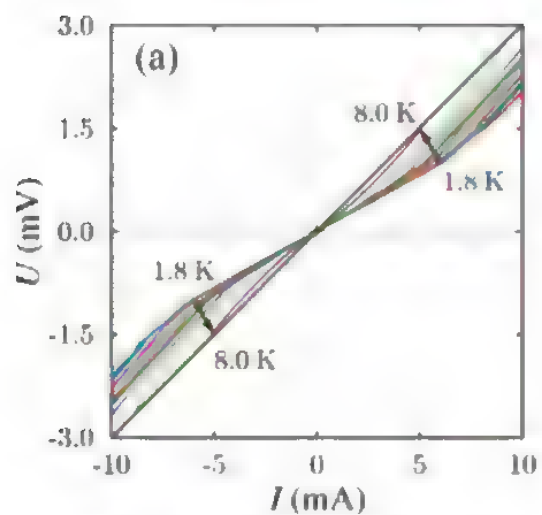


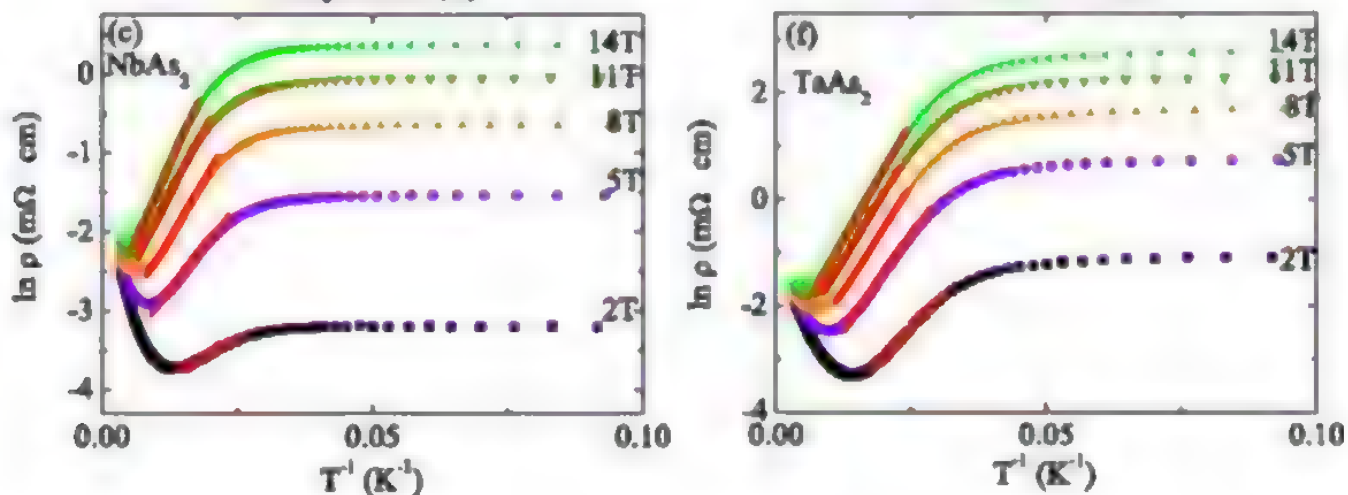
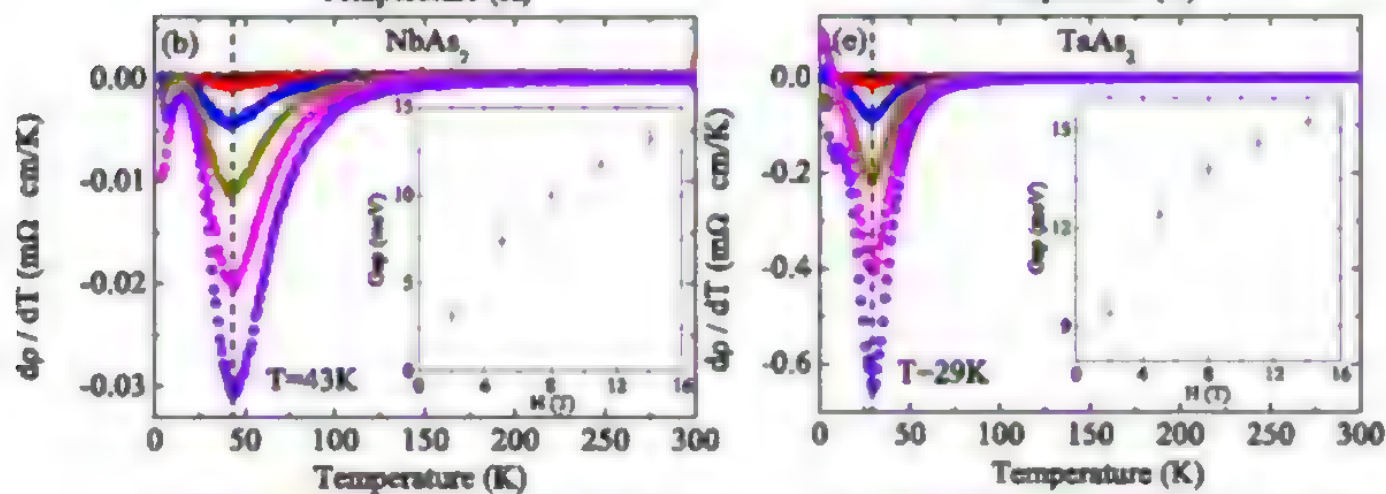
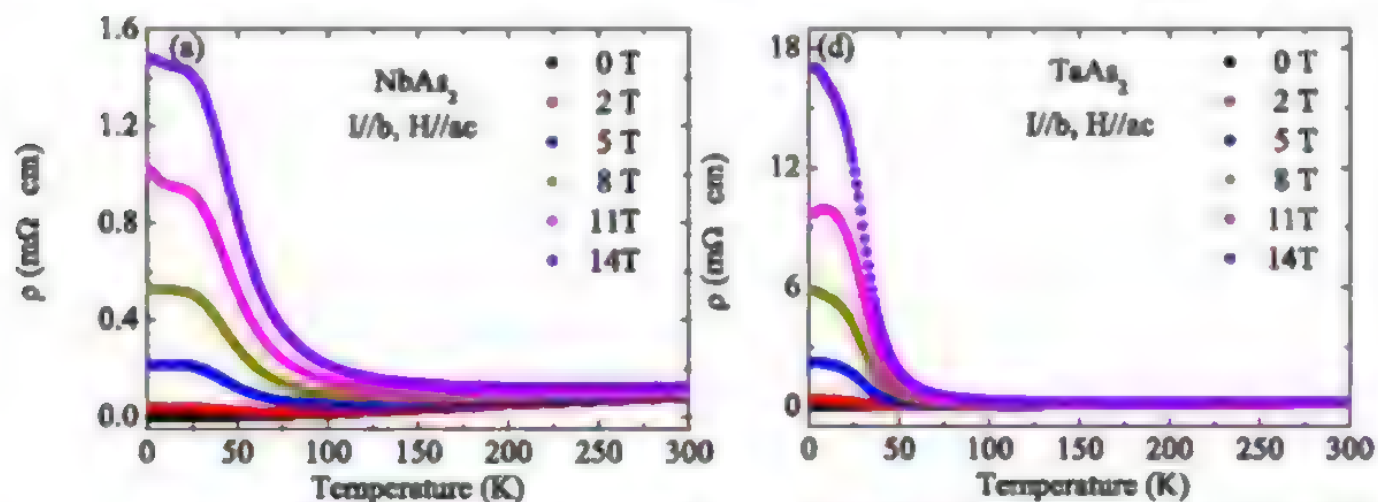
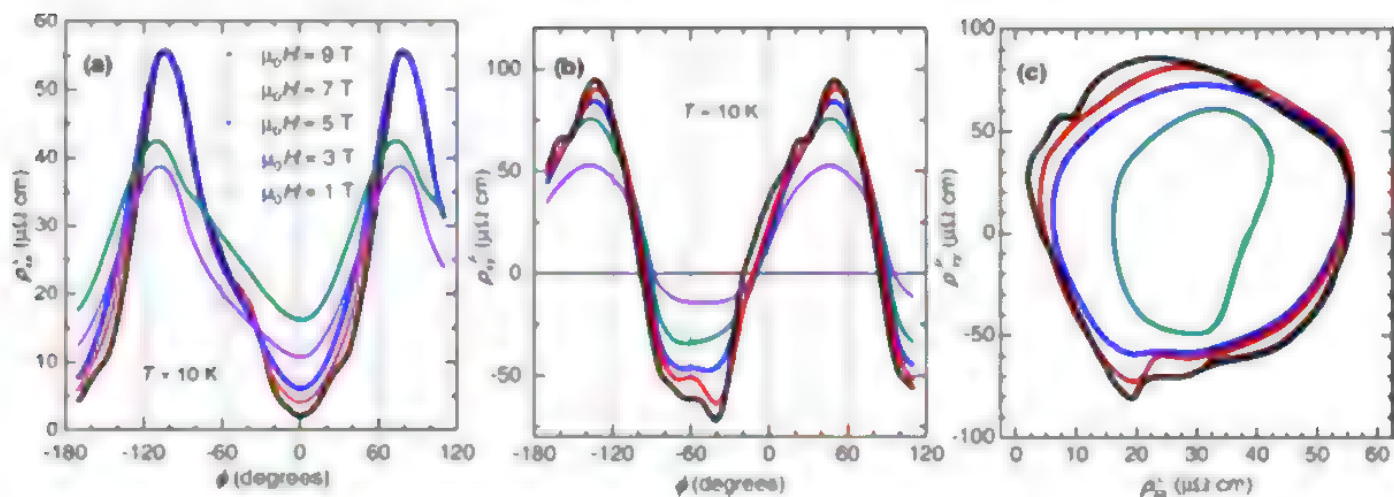


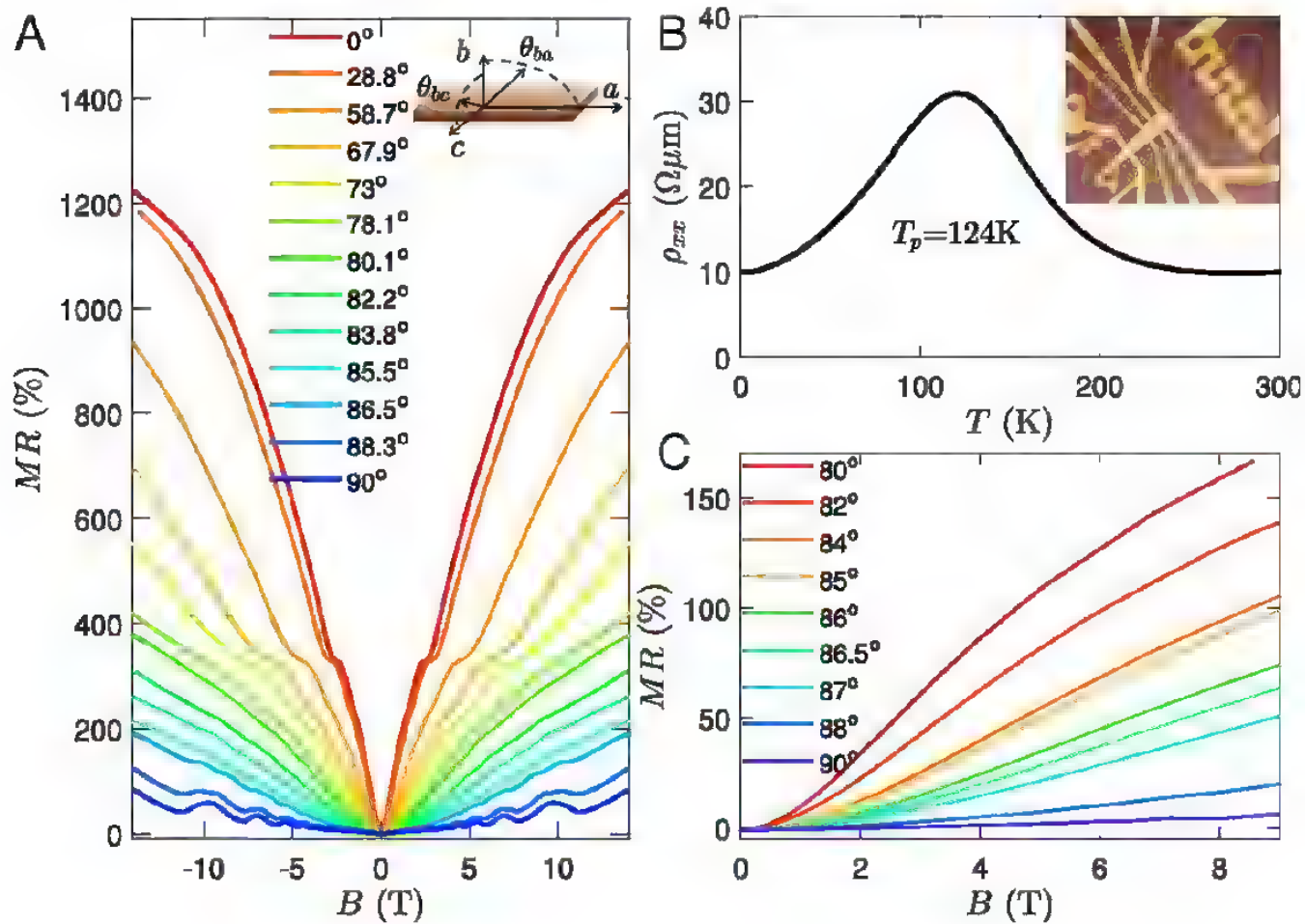
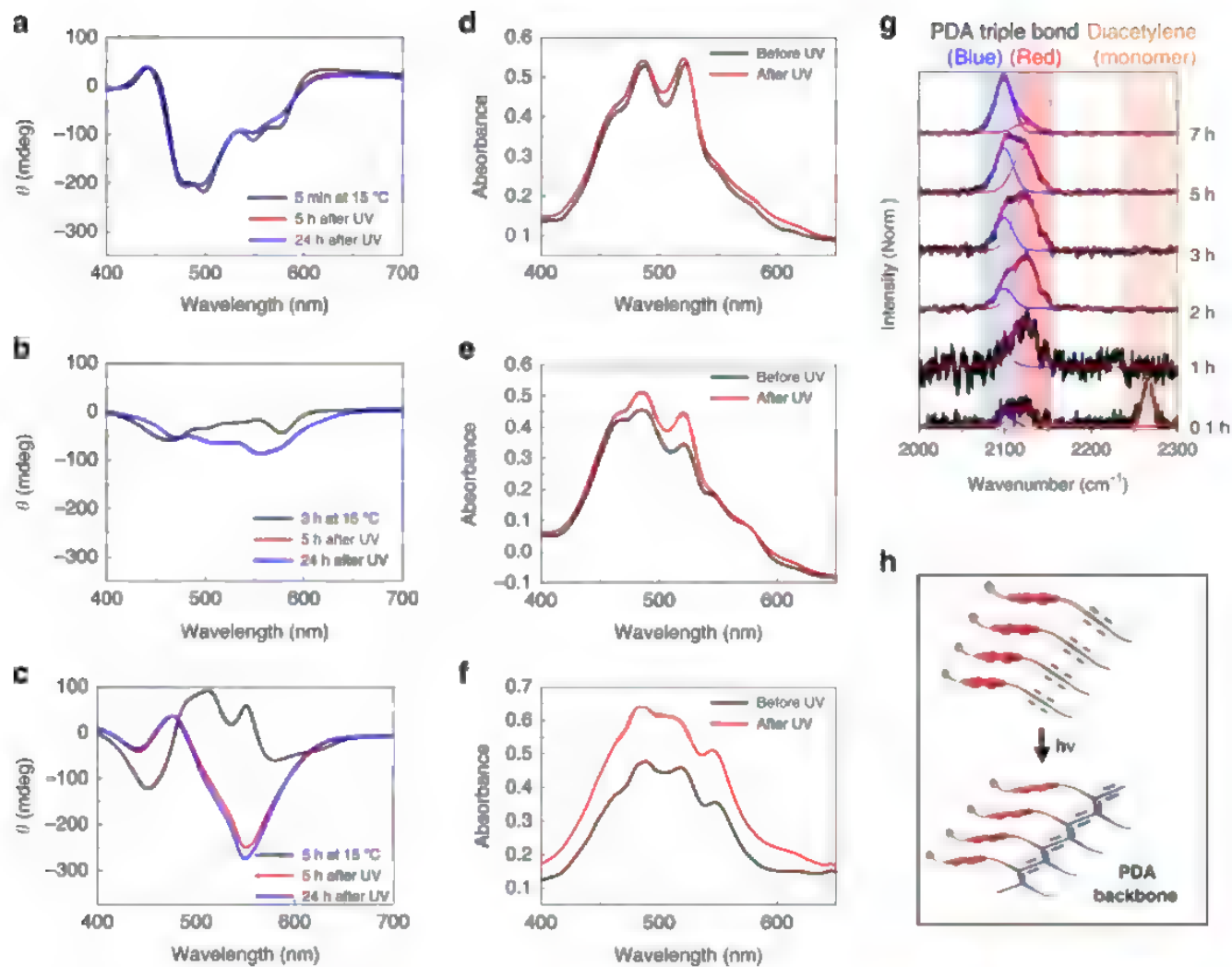


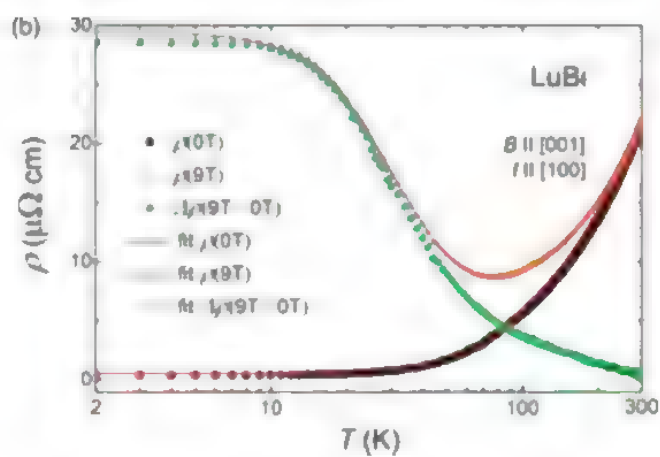
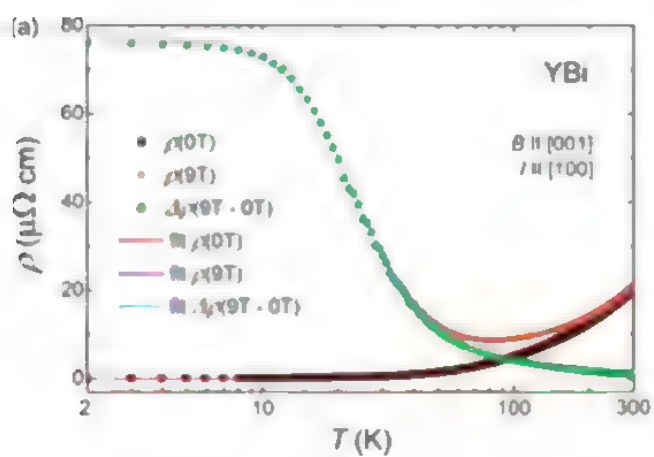
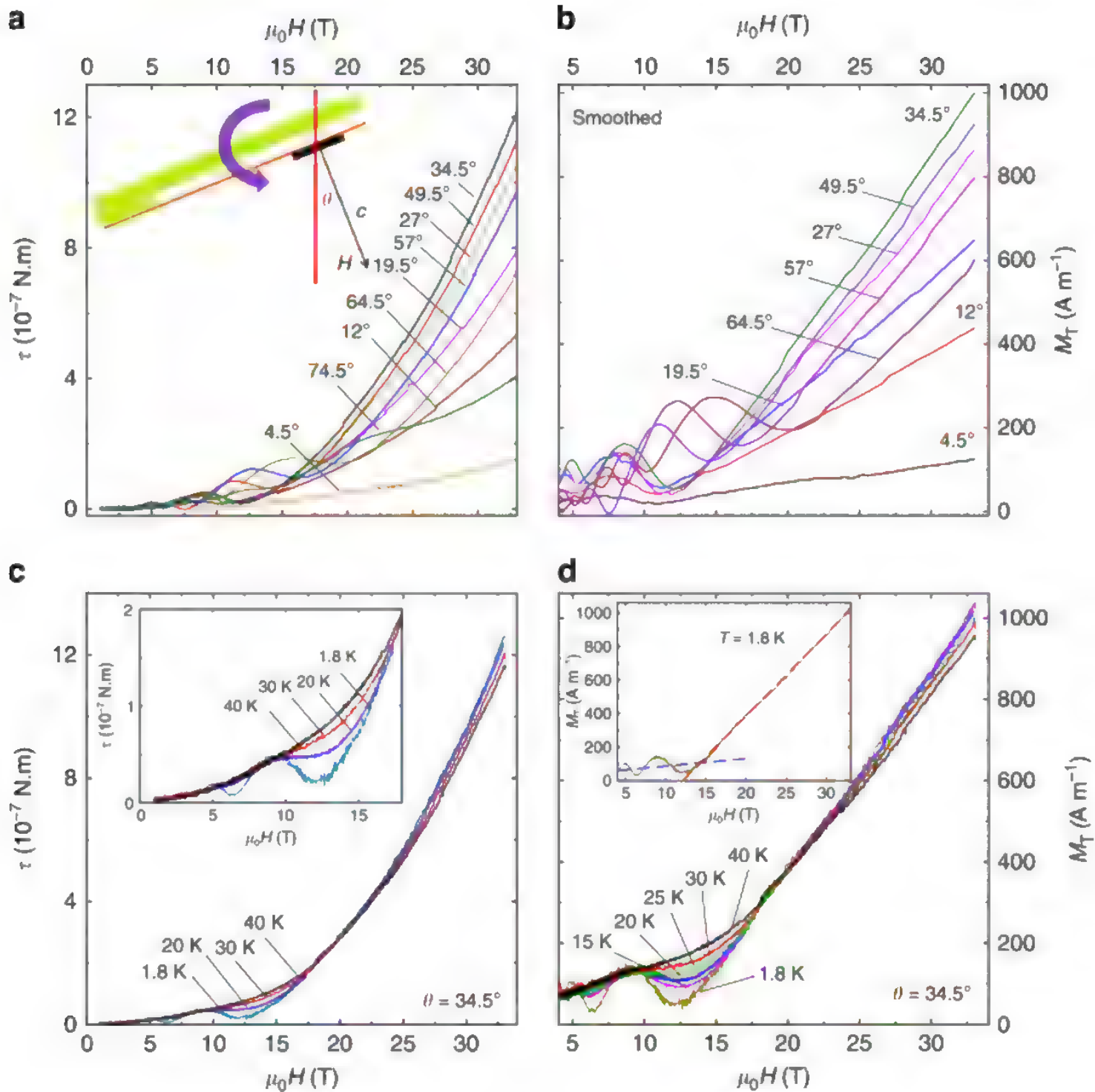
(b)

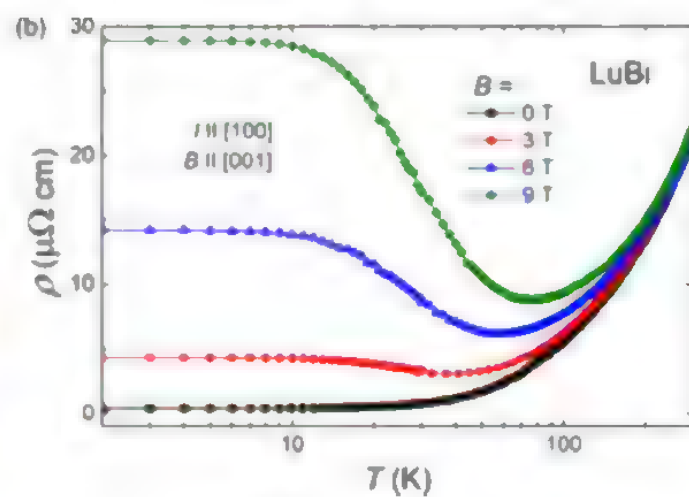
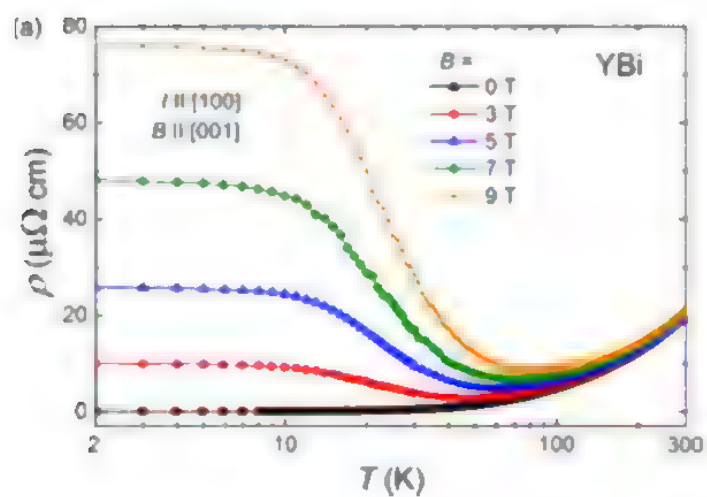
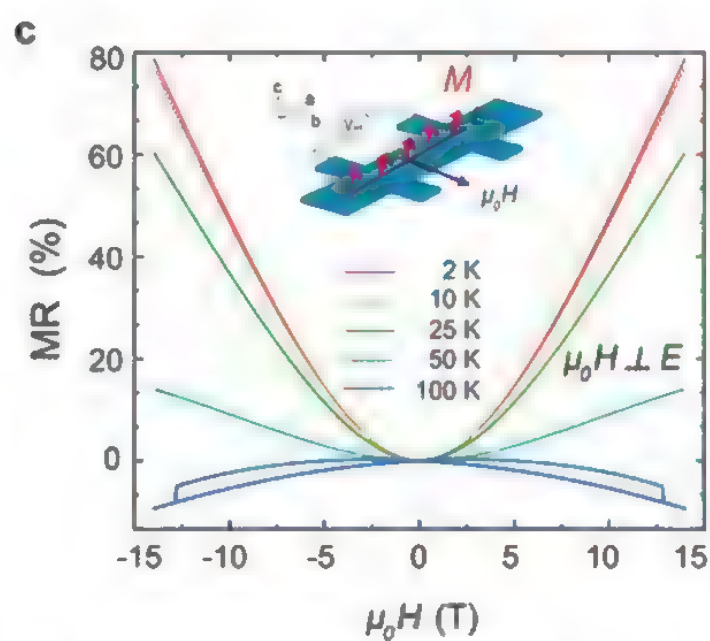
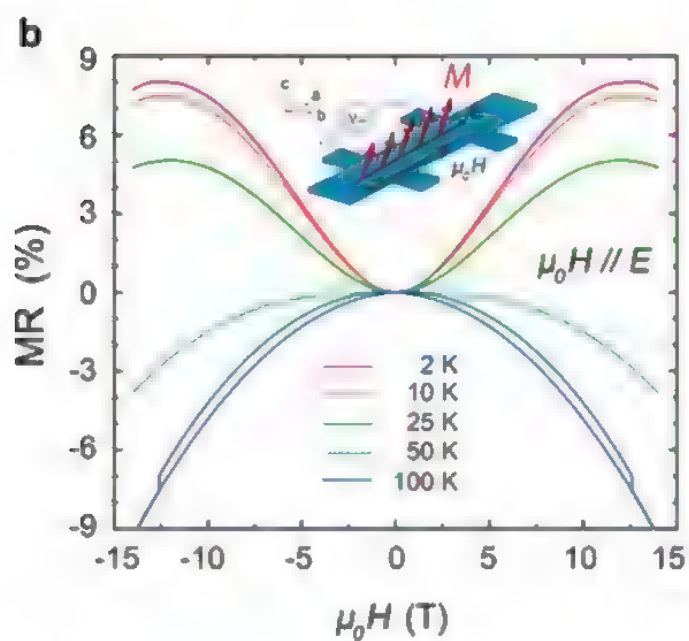
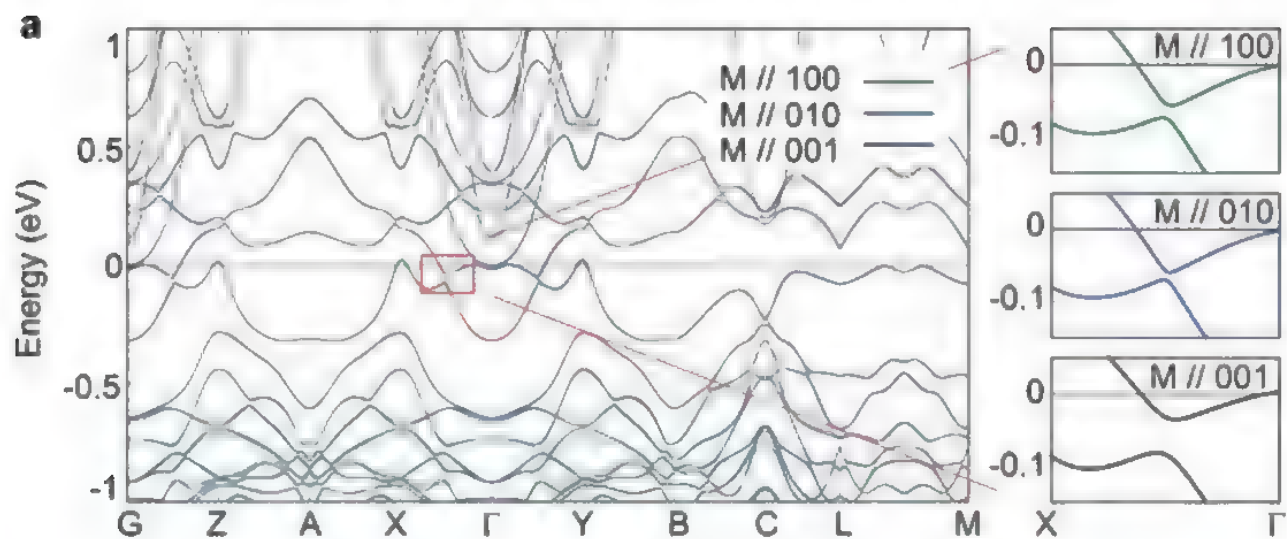


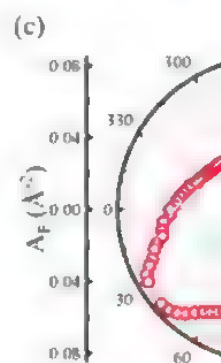
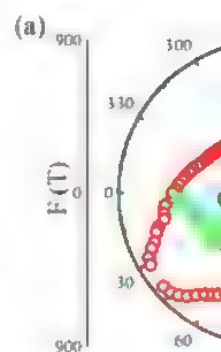
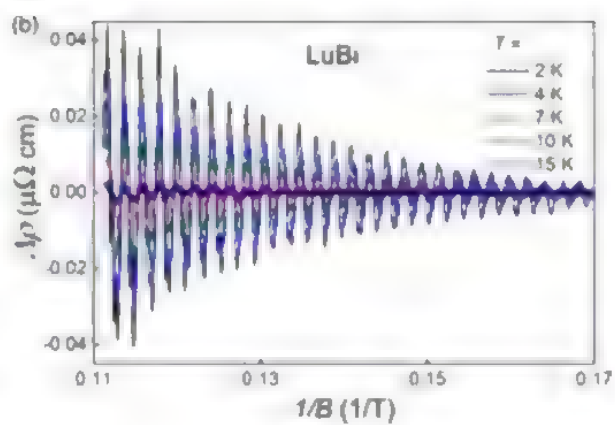
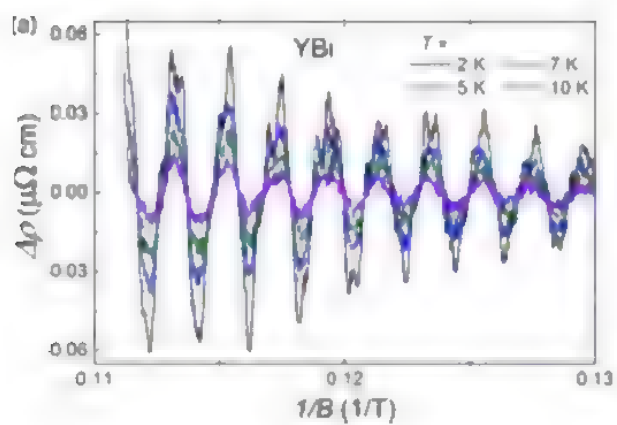
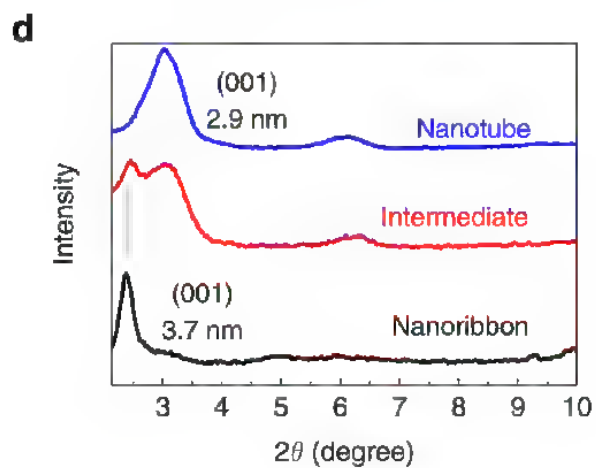
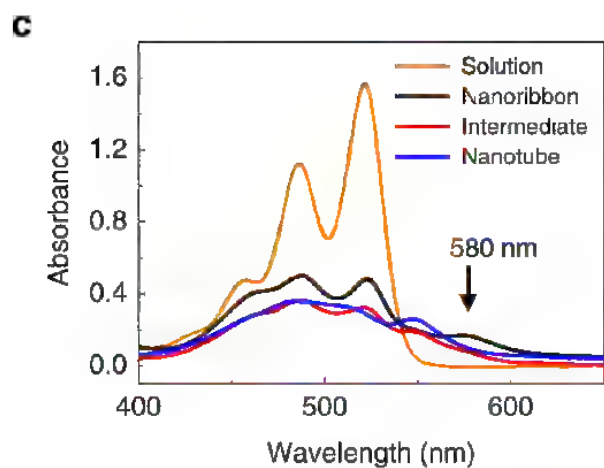
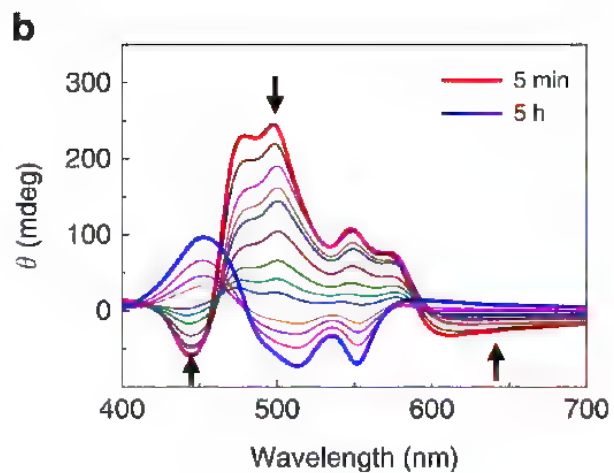
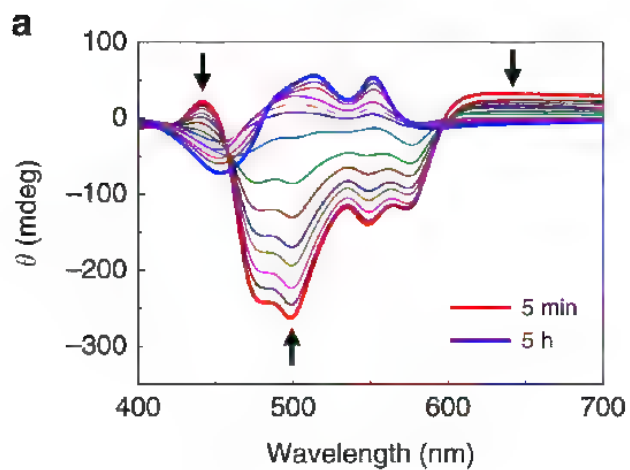


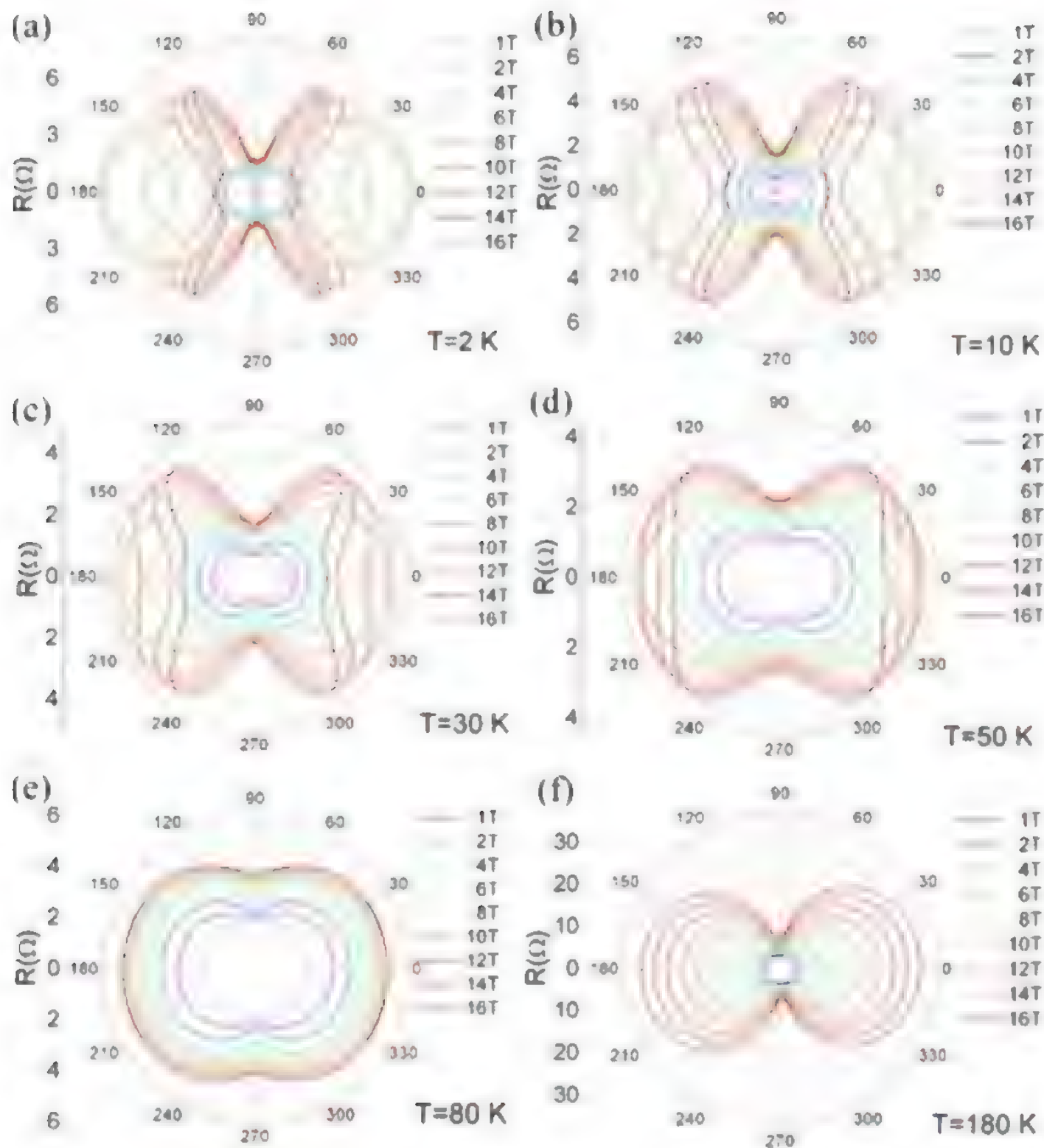


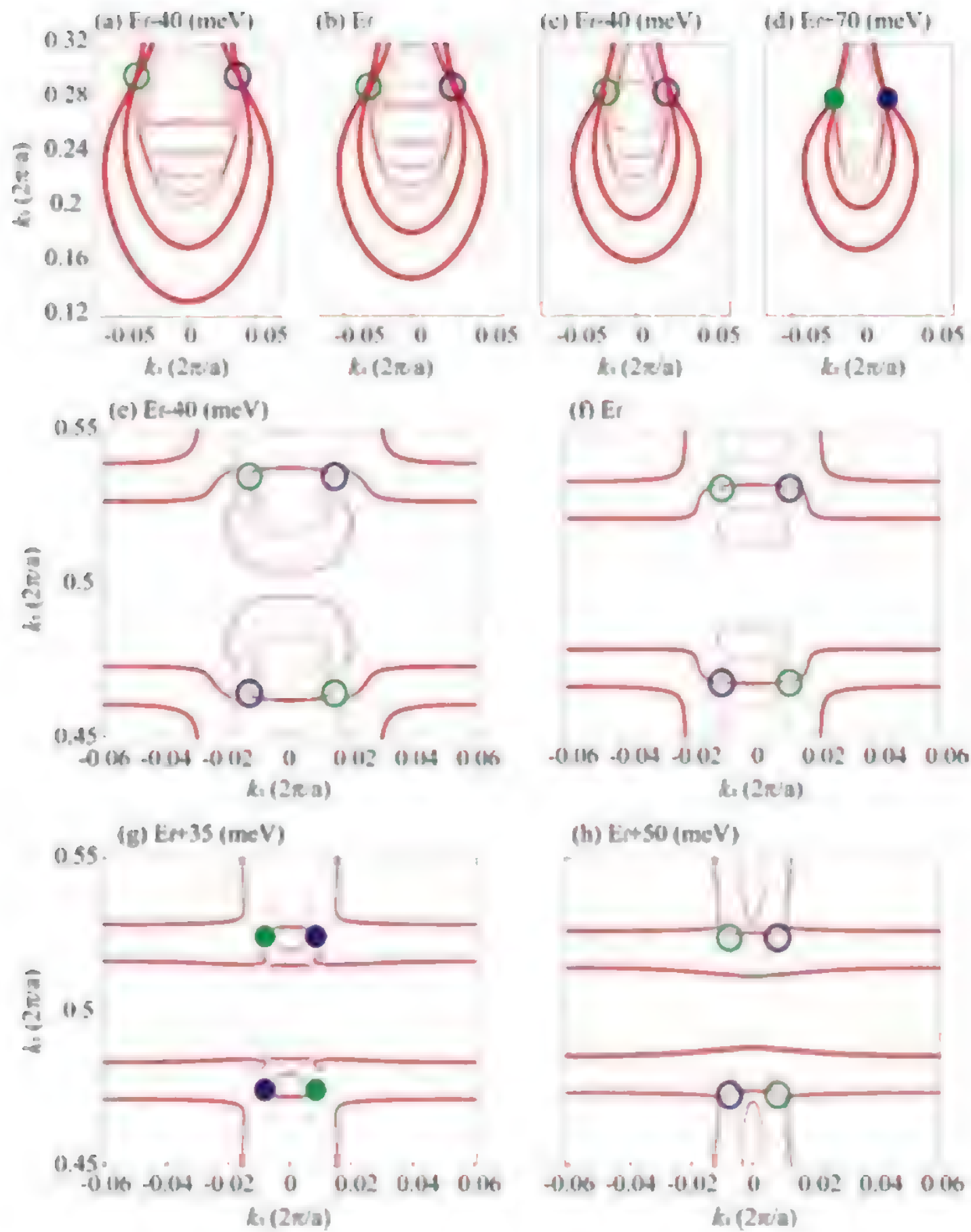


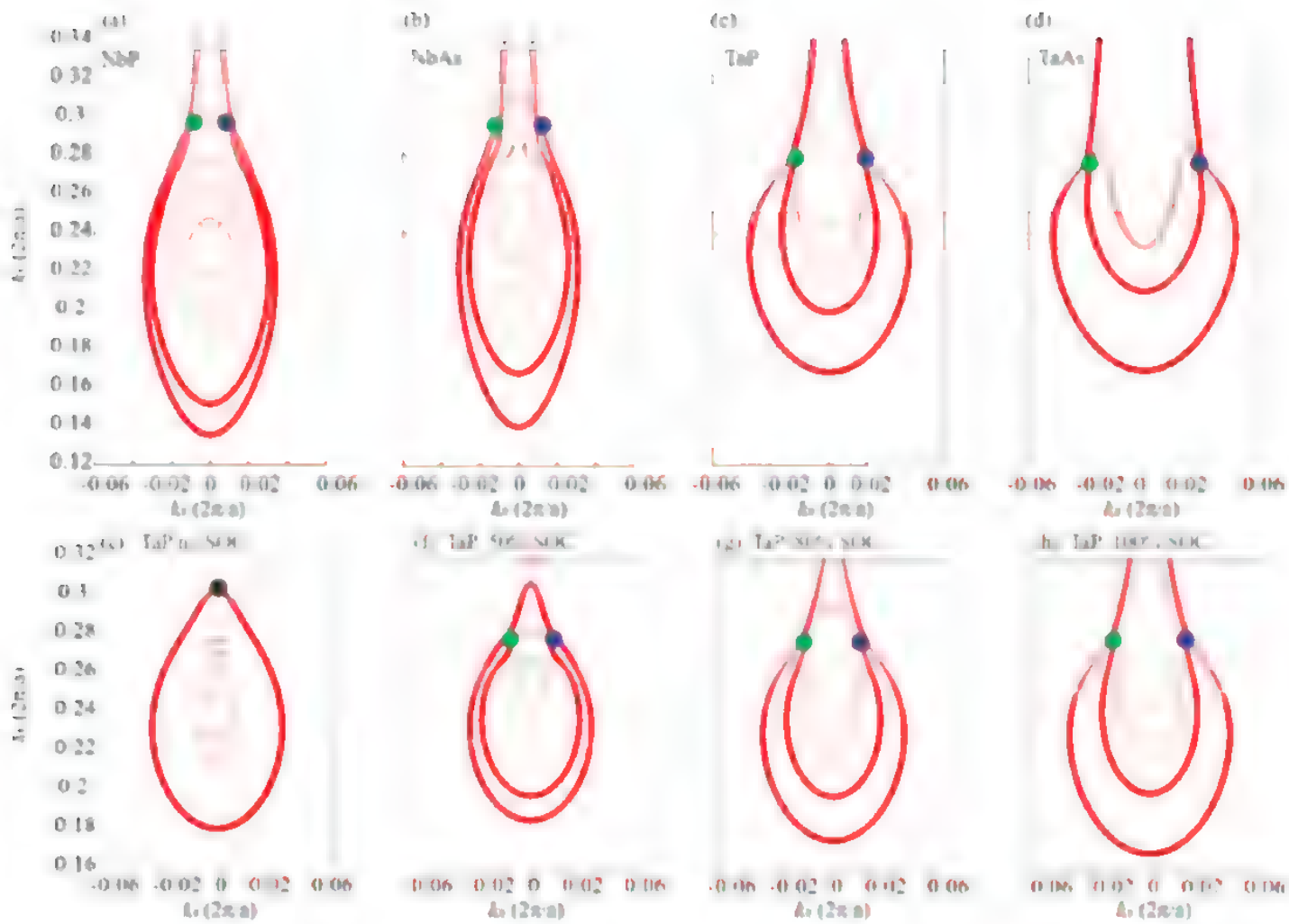




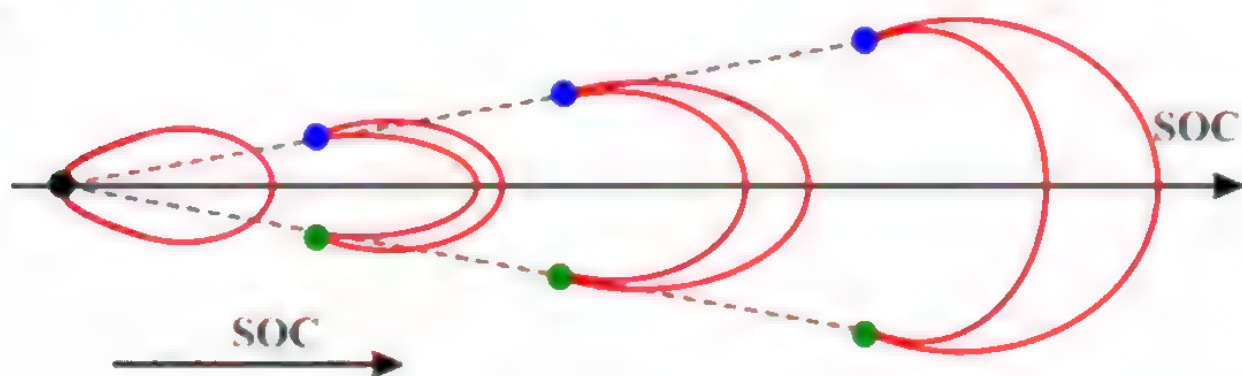


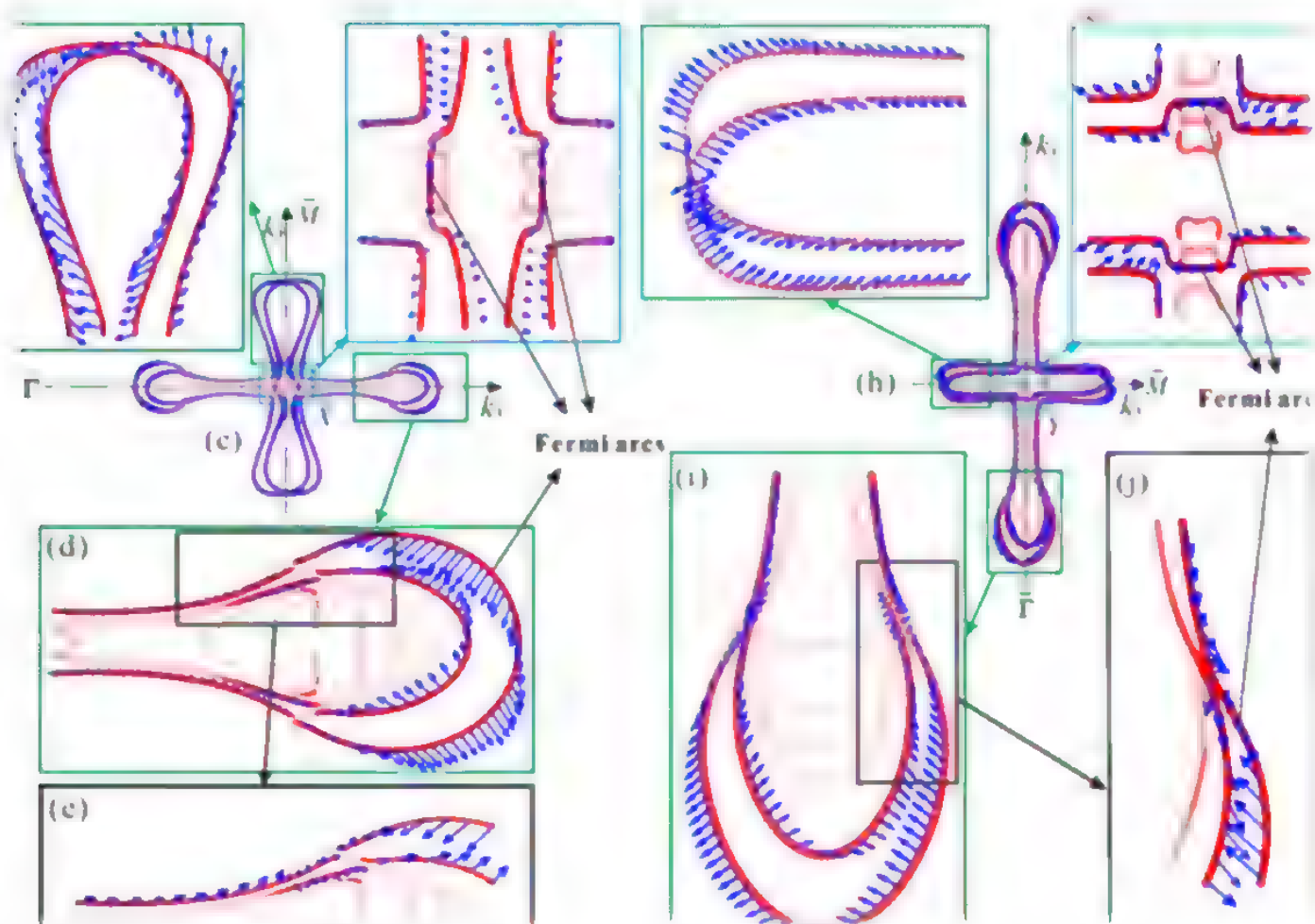


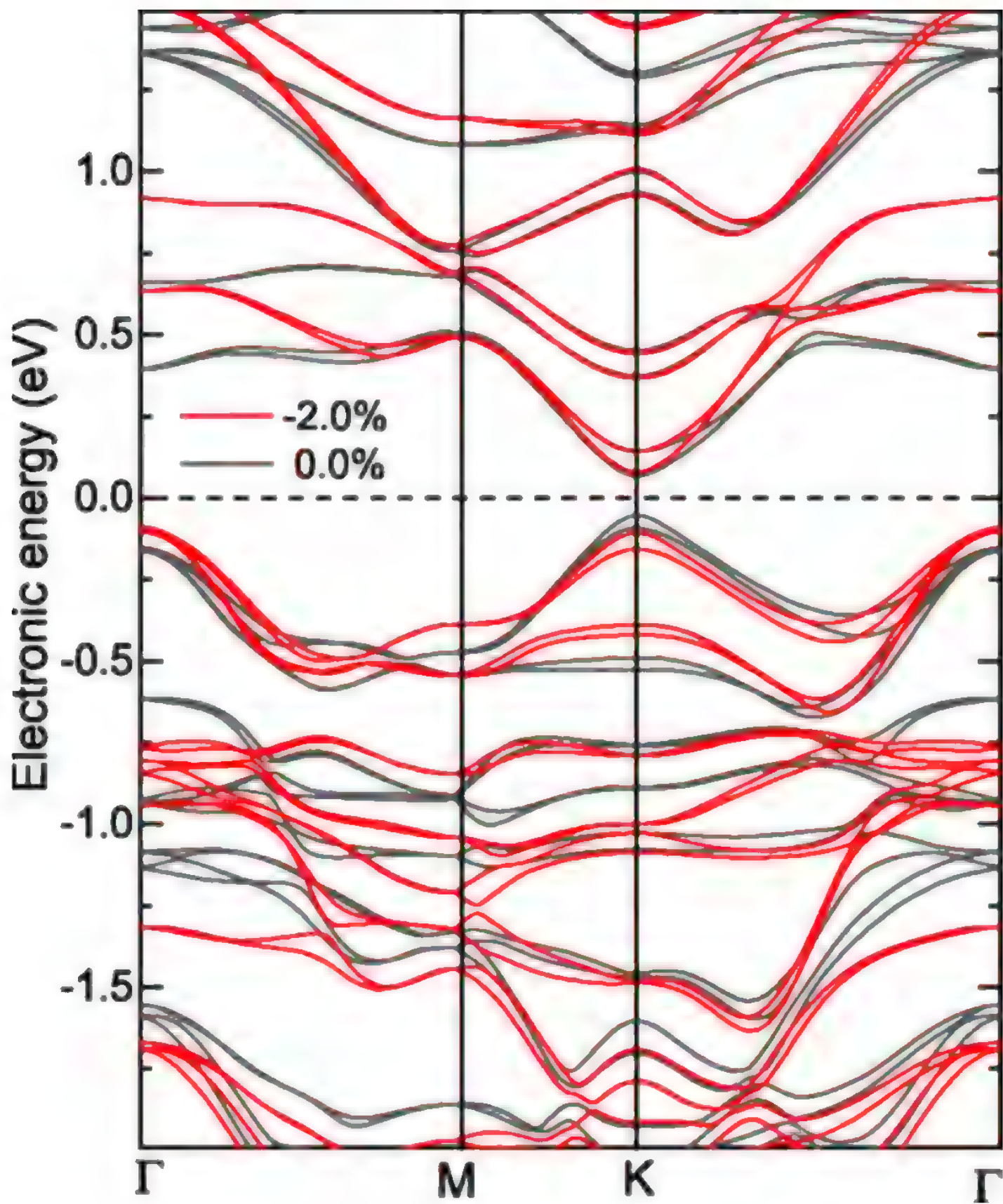


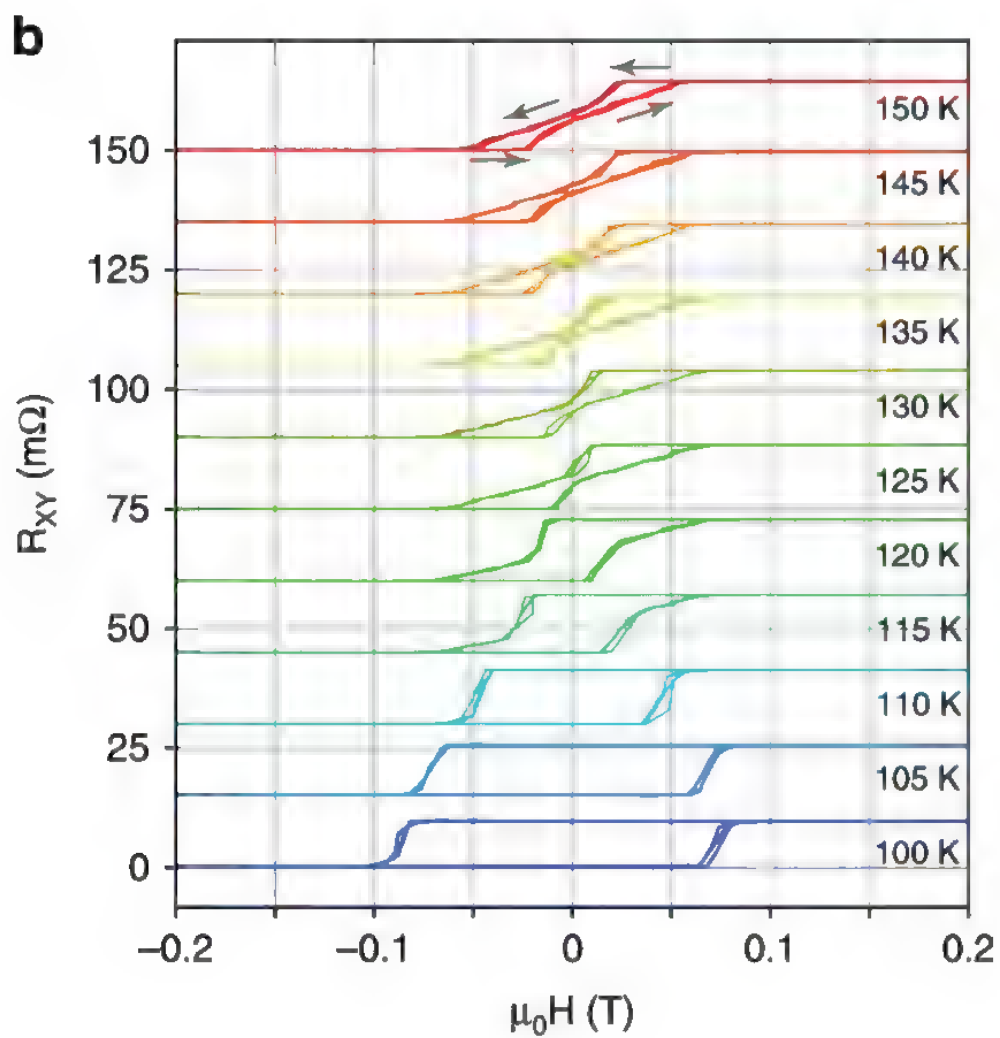
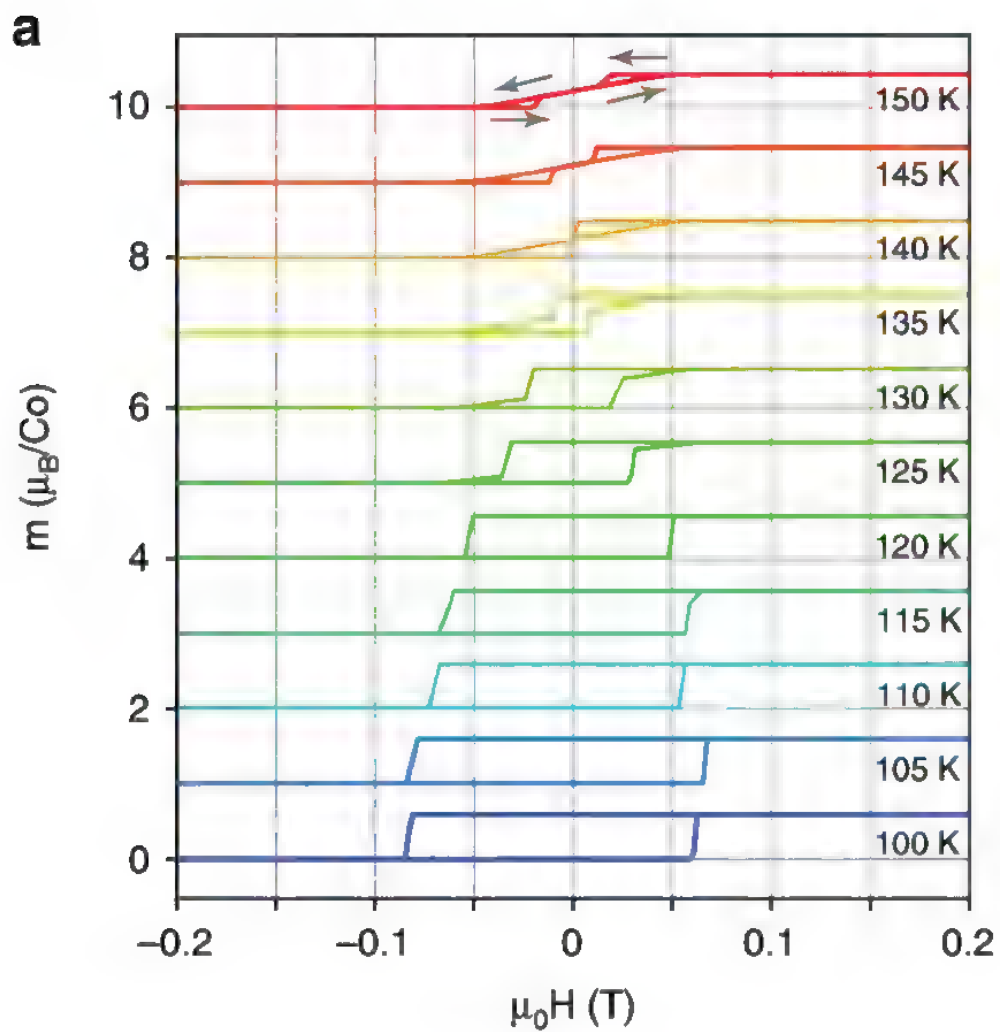


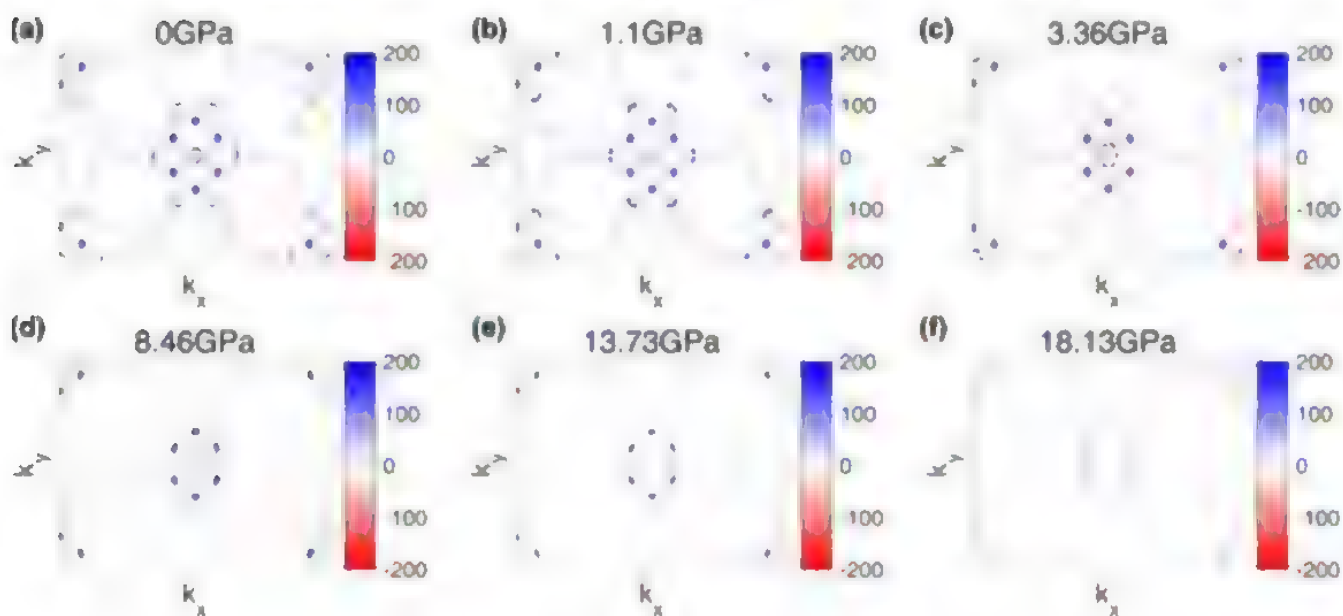
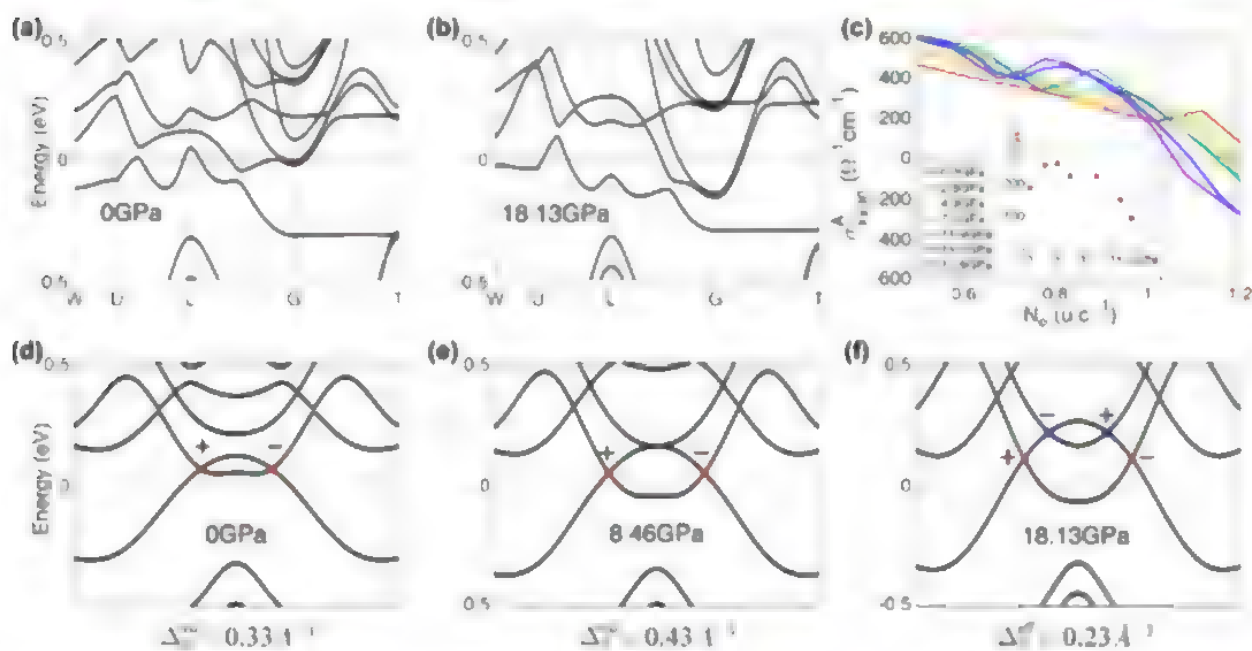
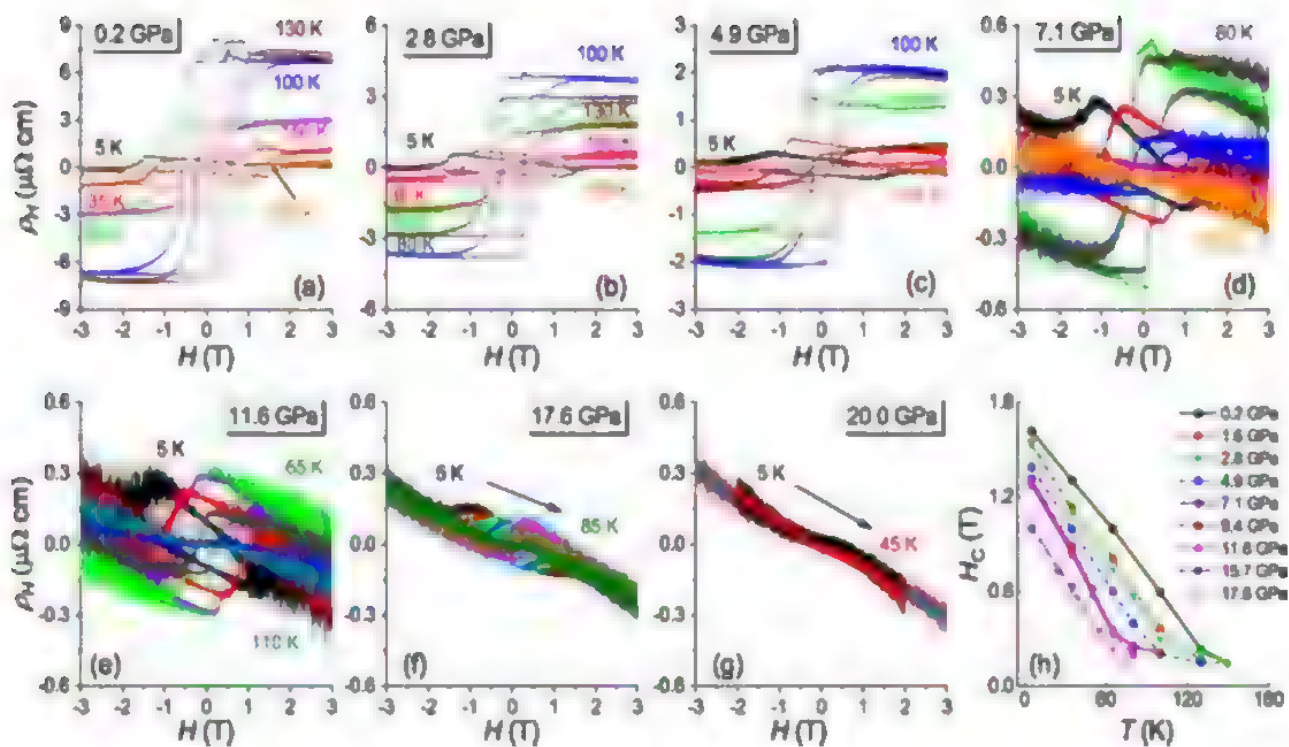
(i)

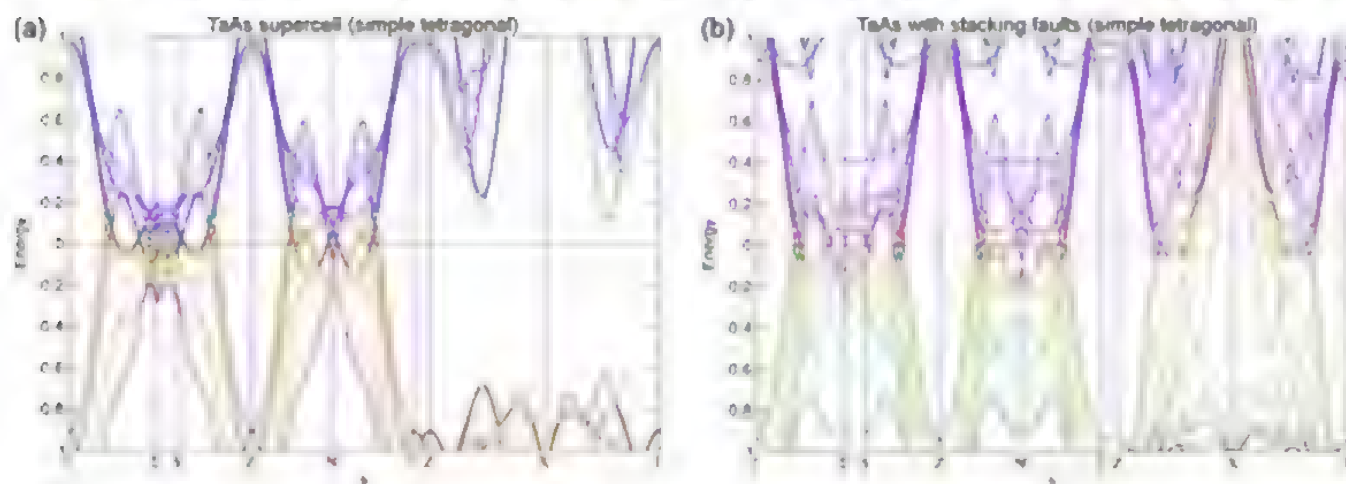
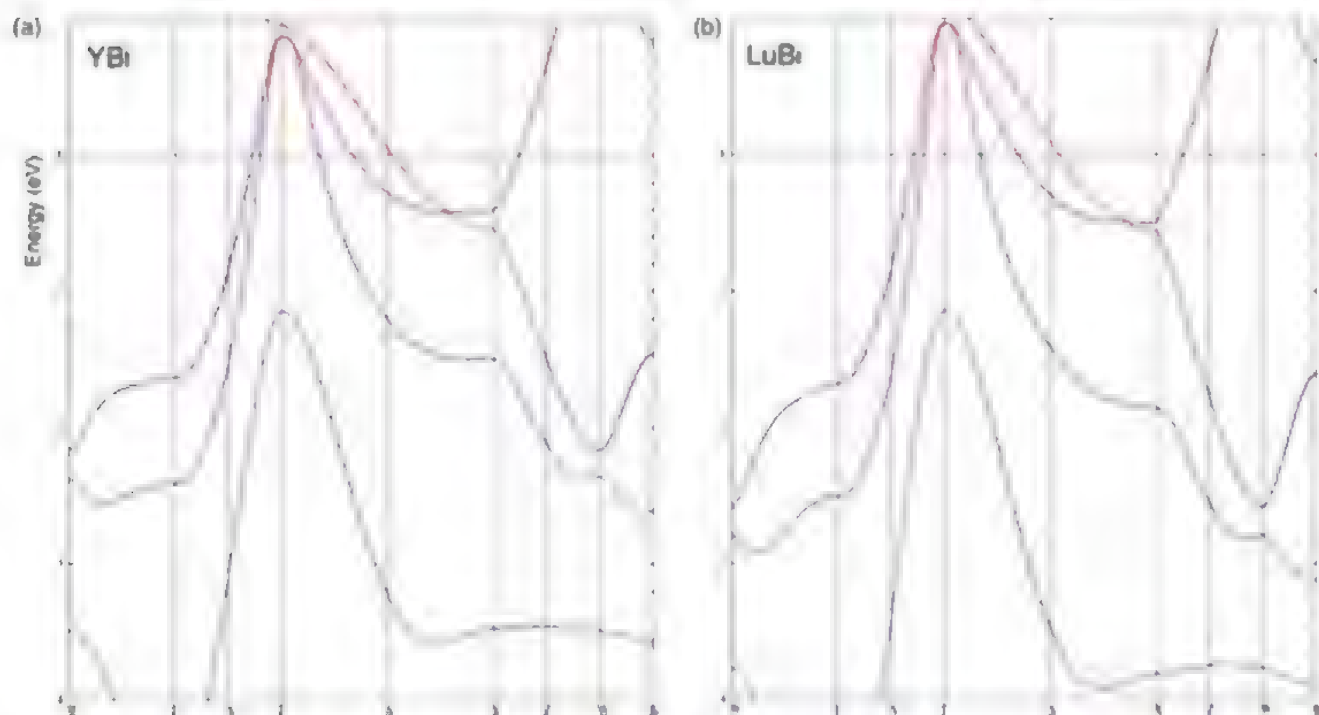
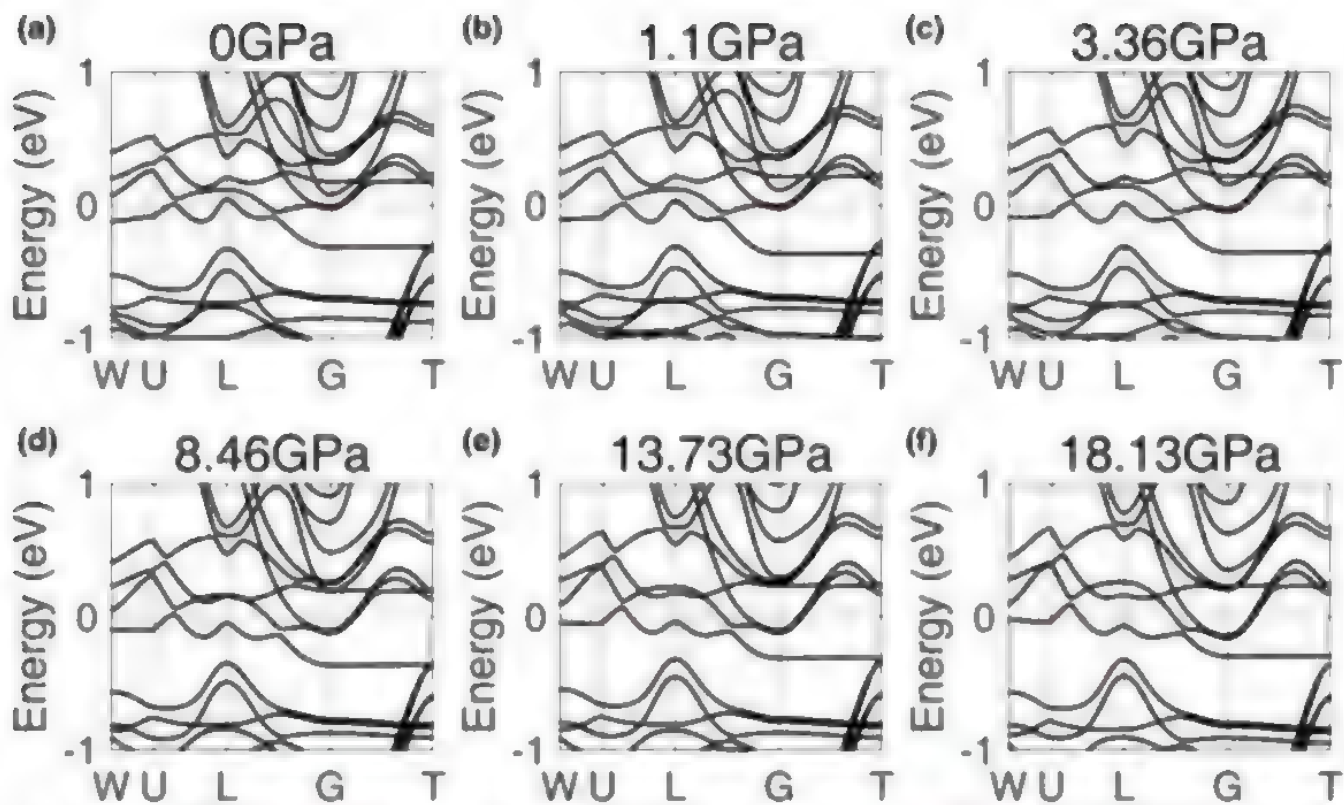


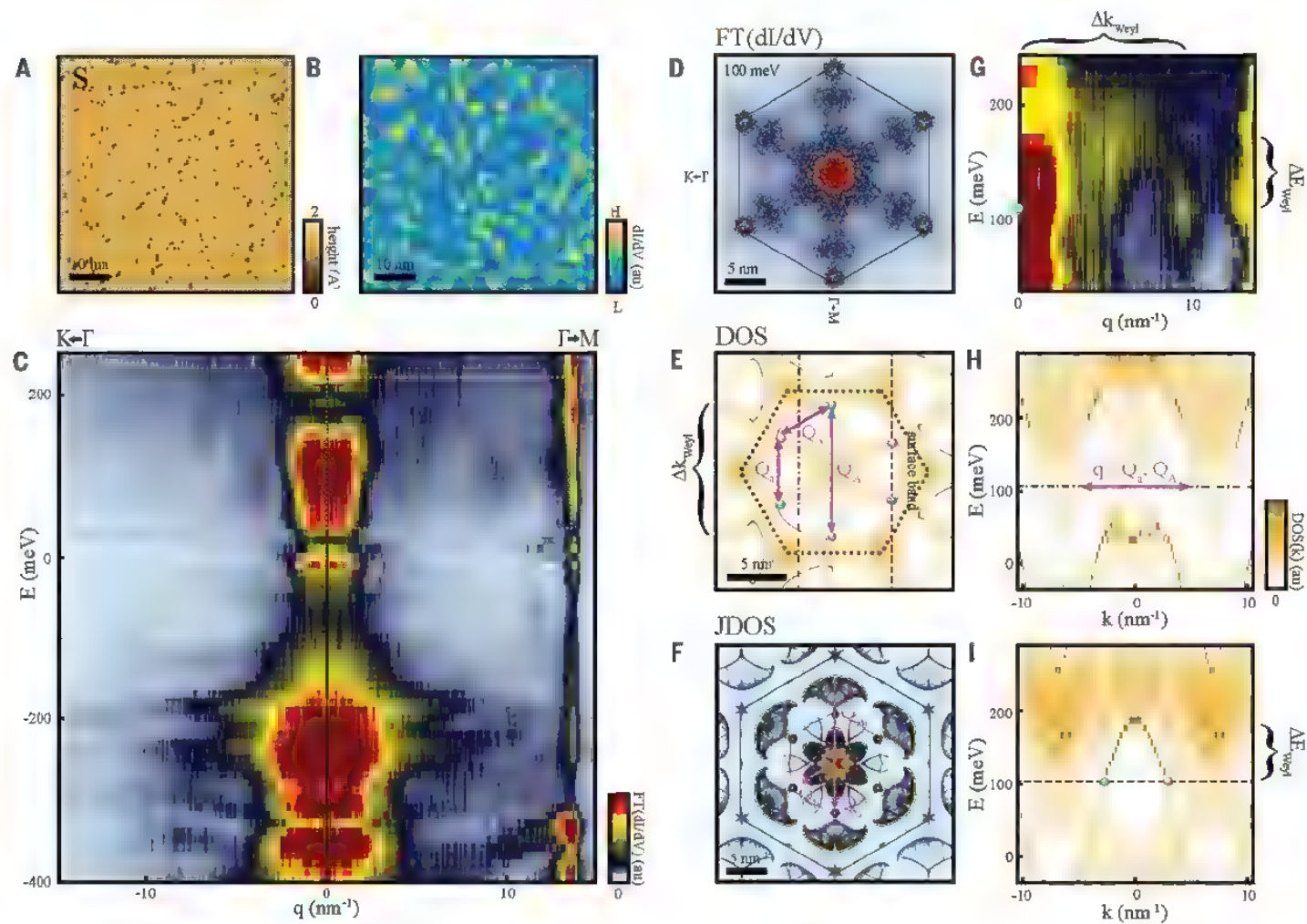
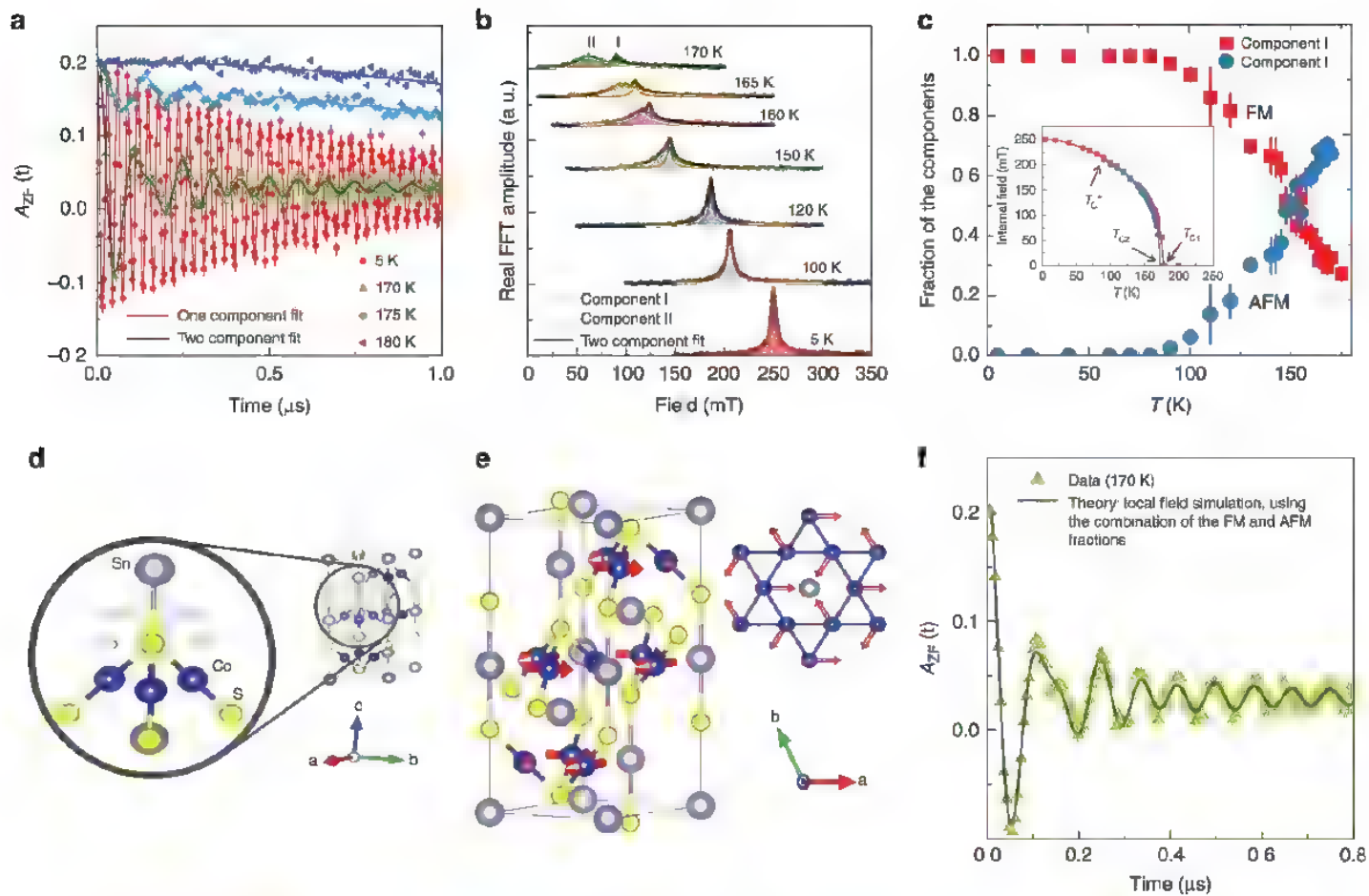


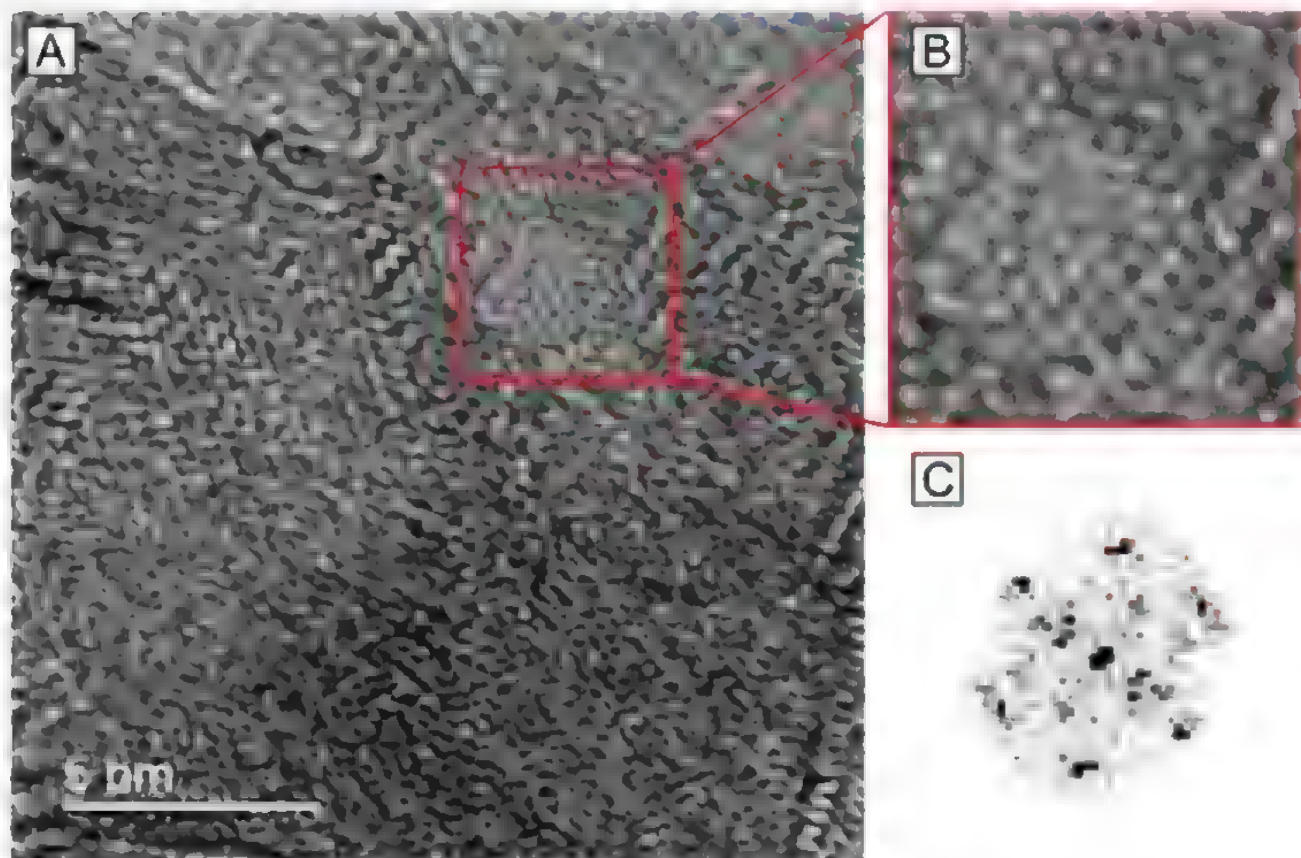
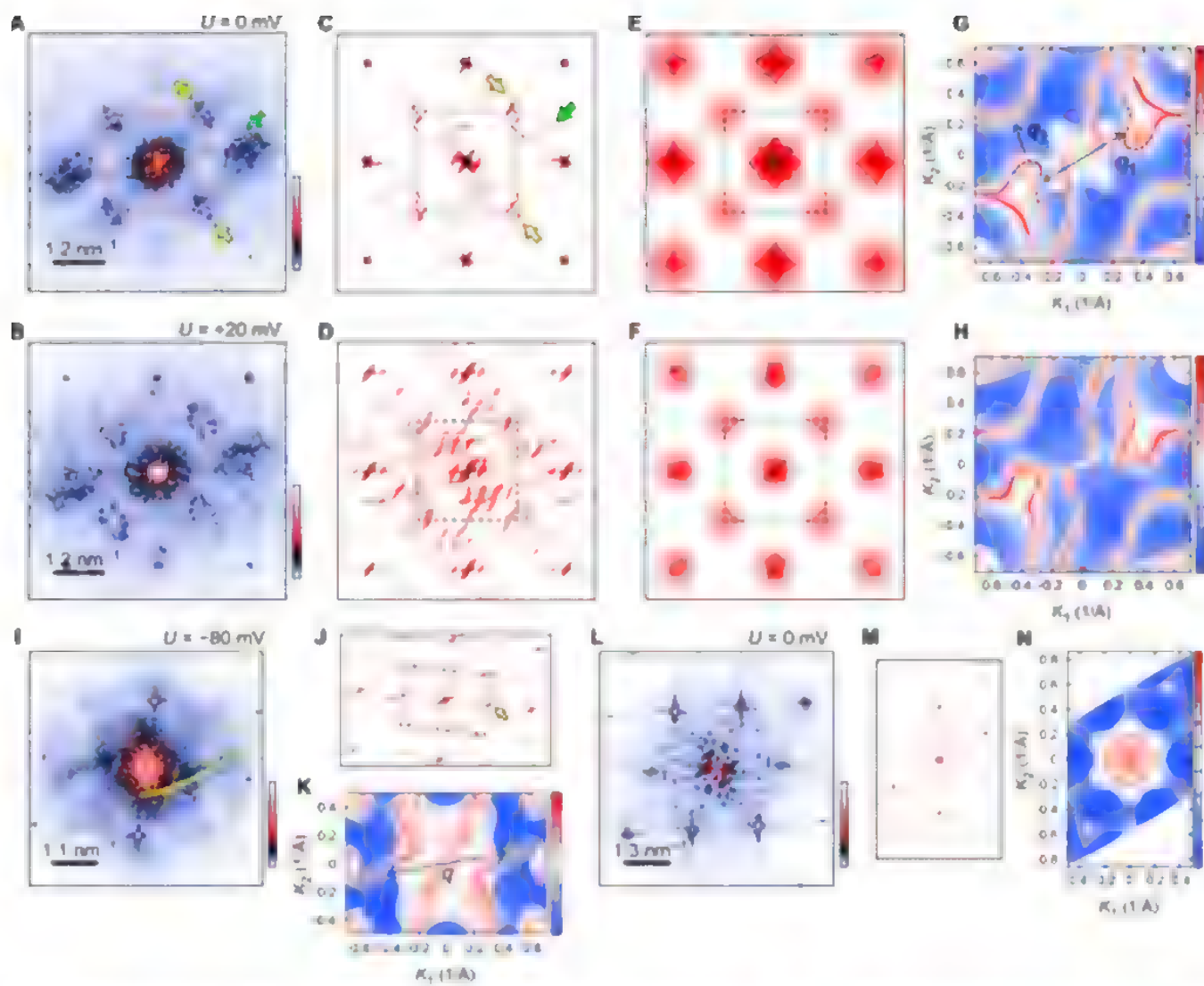


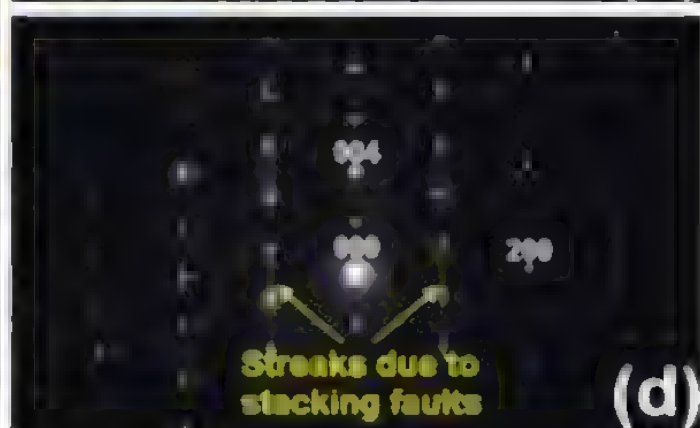
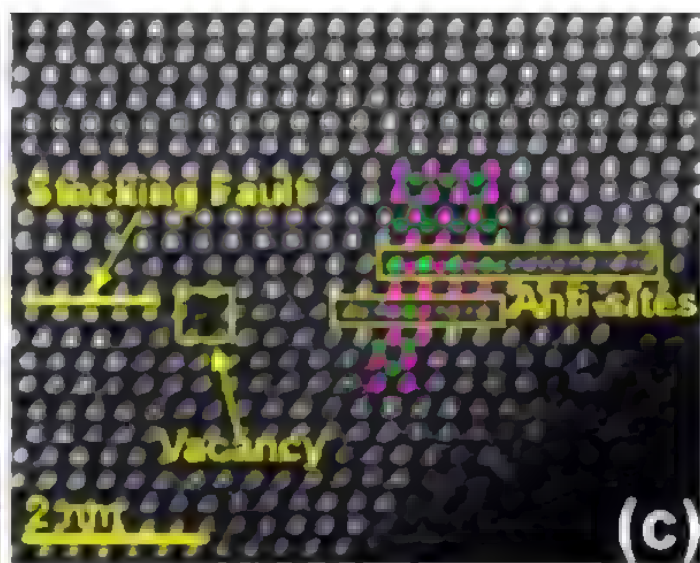
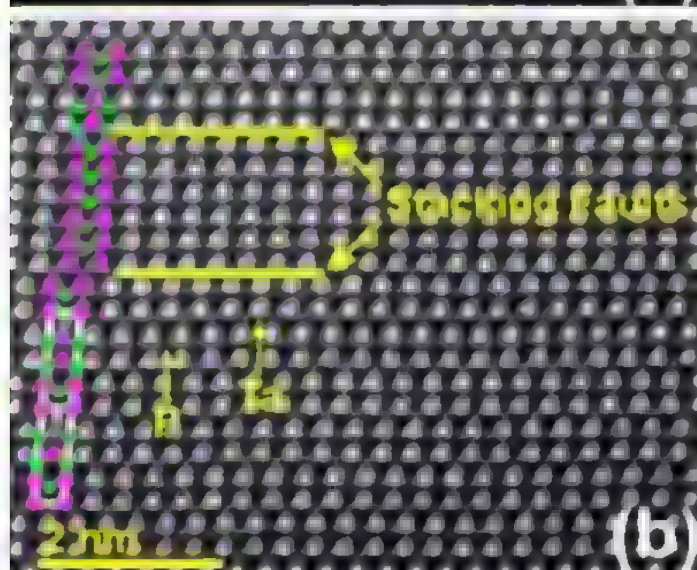
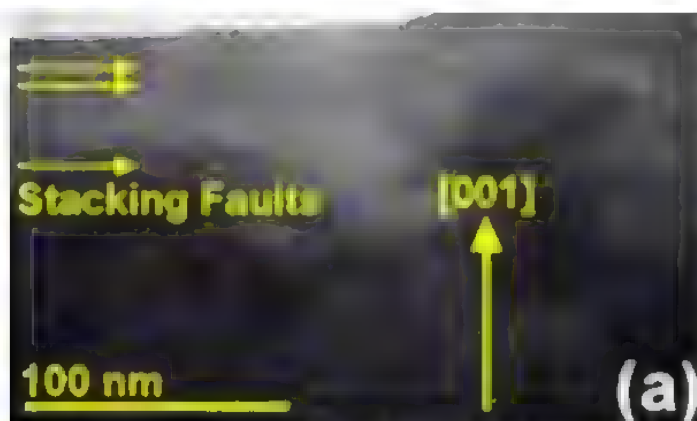
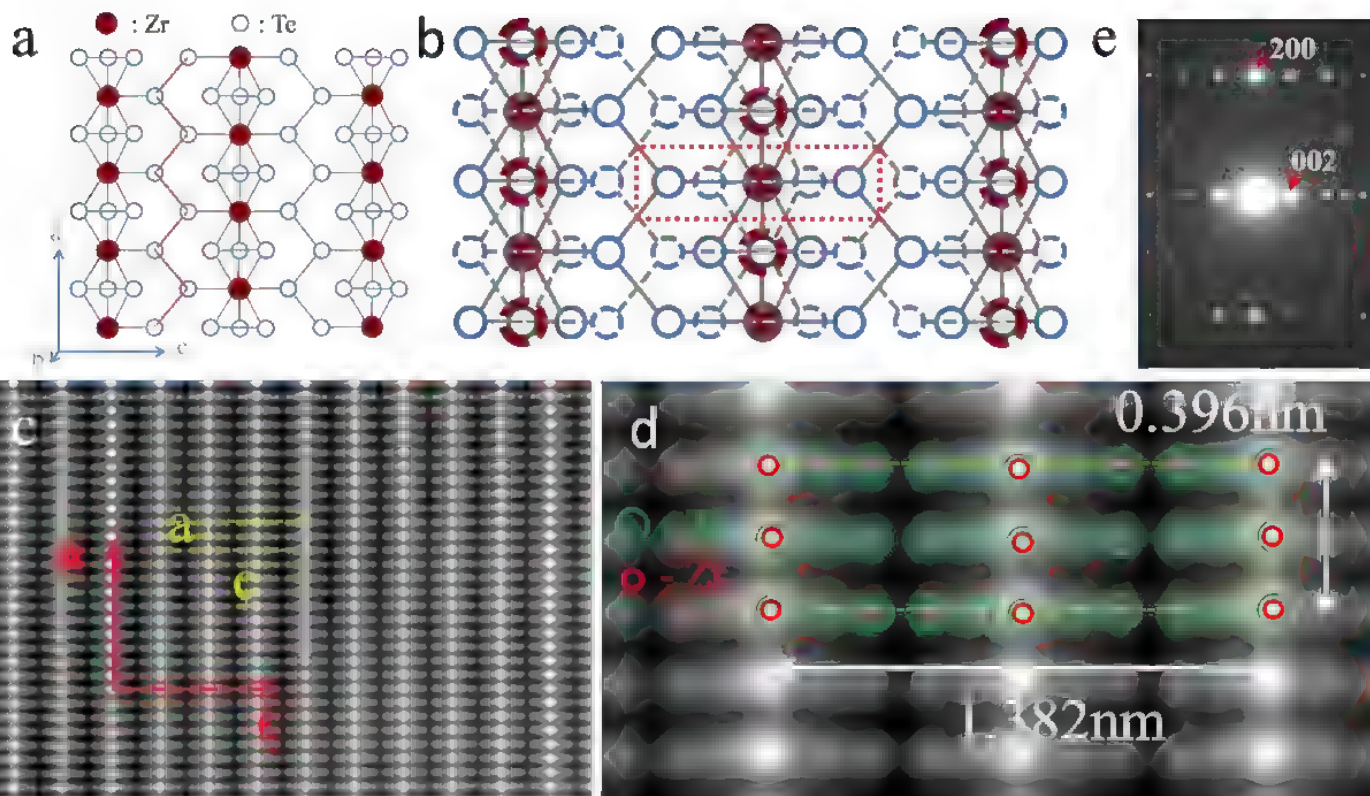


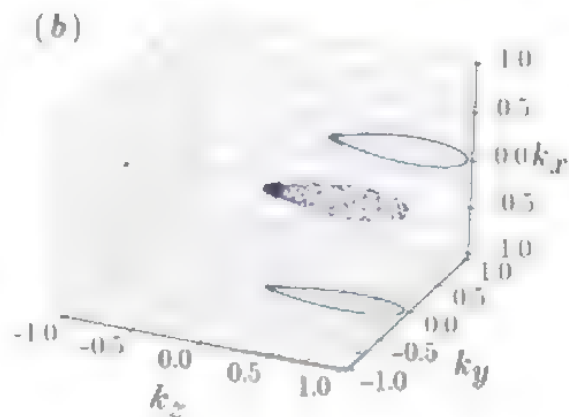
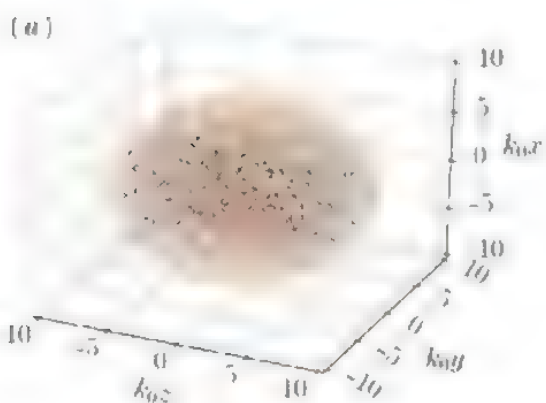
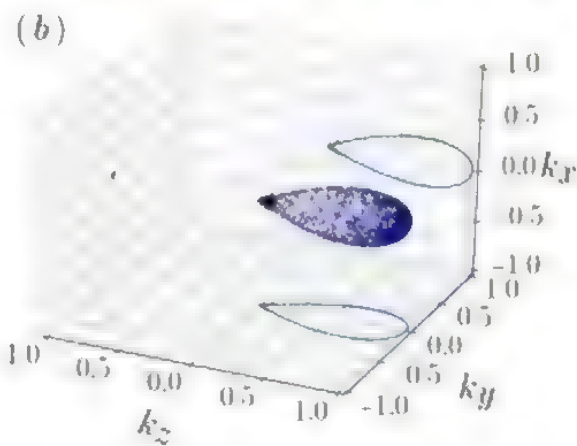
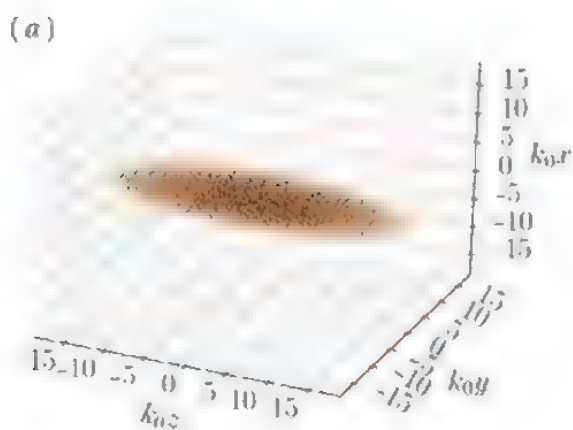
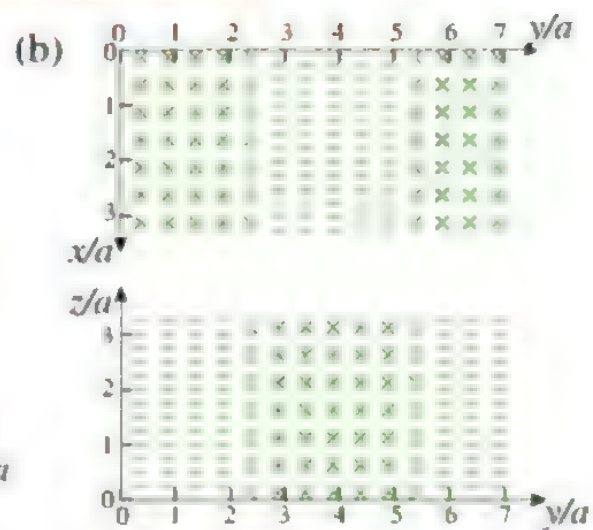
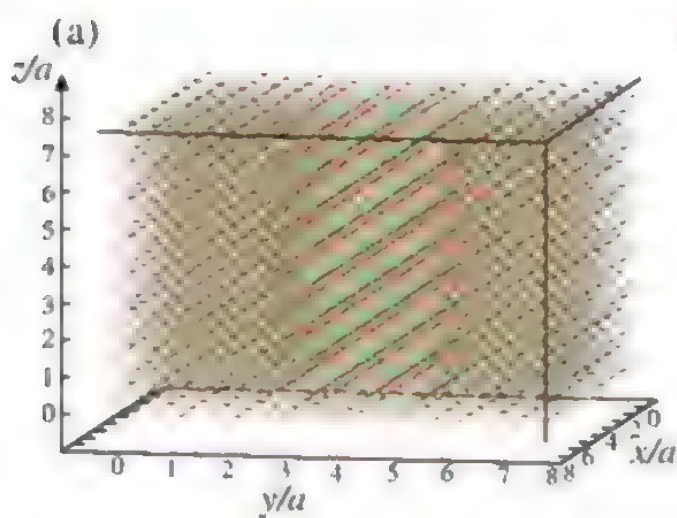
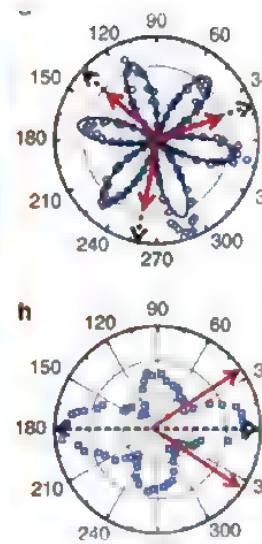
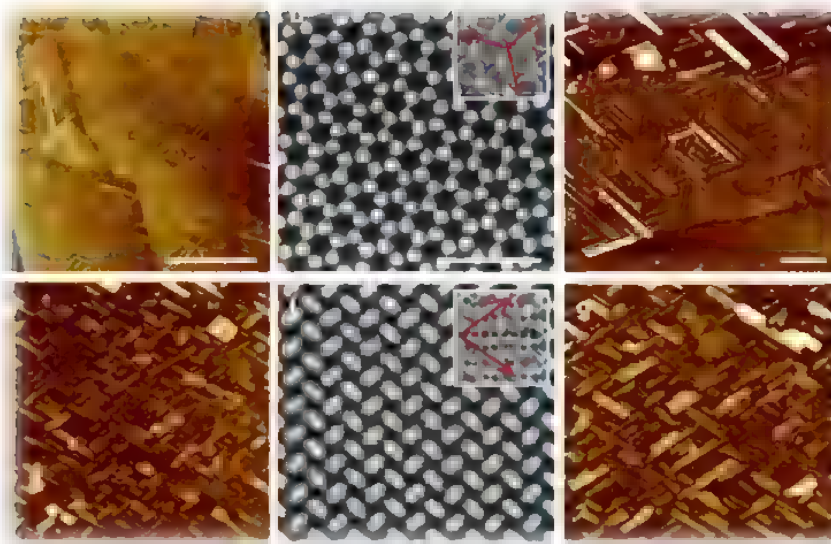




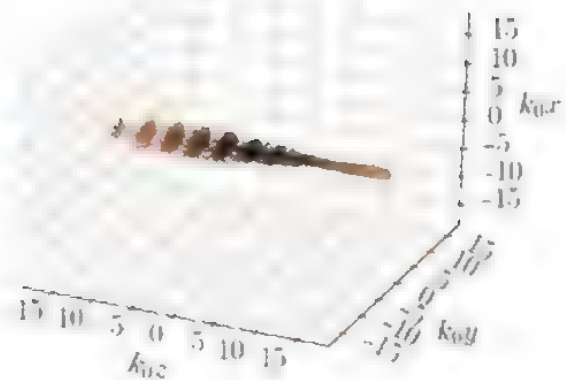




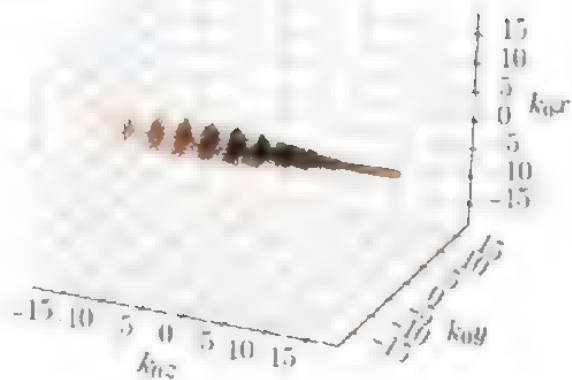




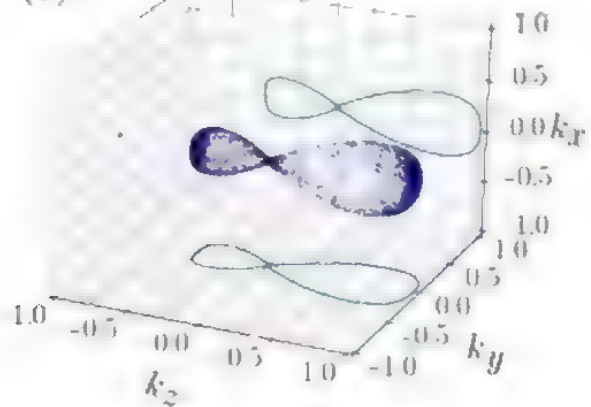
(a)



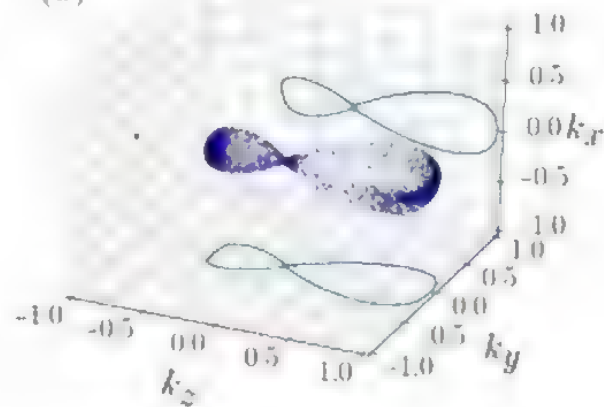
(b)



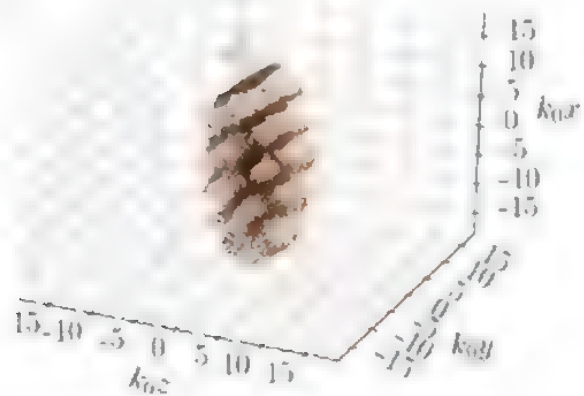
(c)



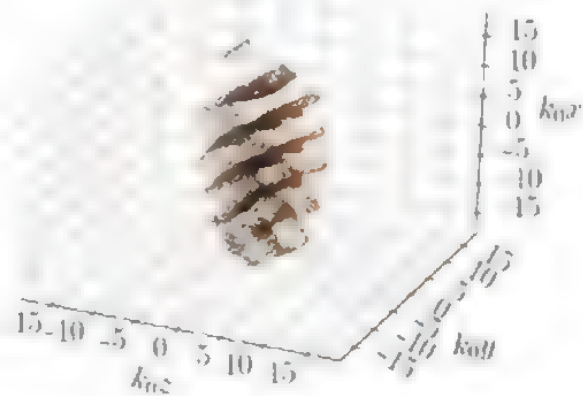
(d)



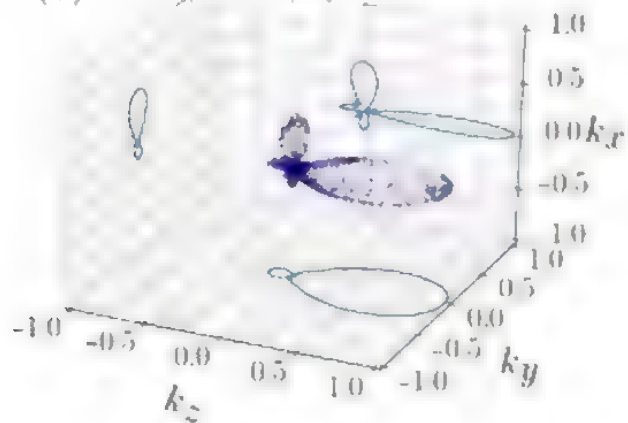
(a)



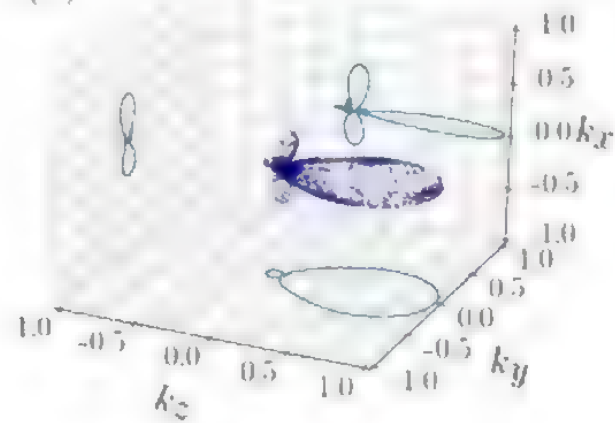
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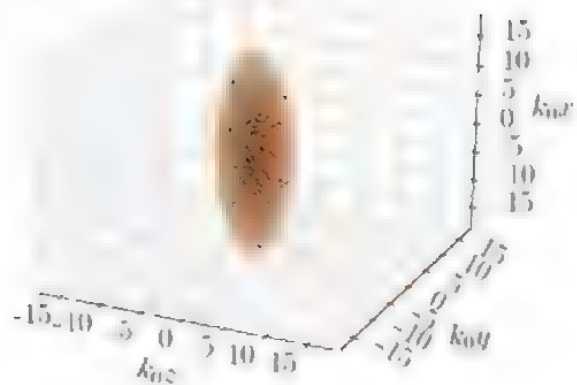
(c)



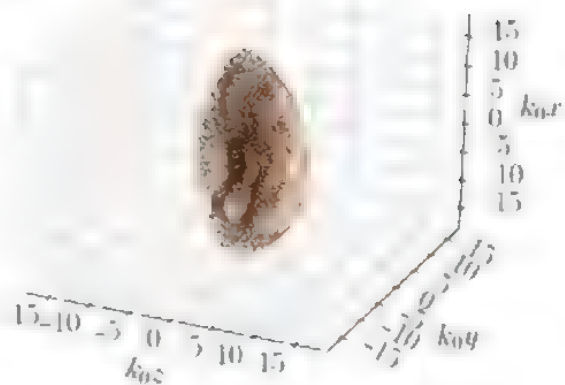
(d)



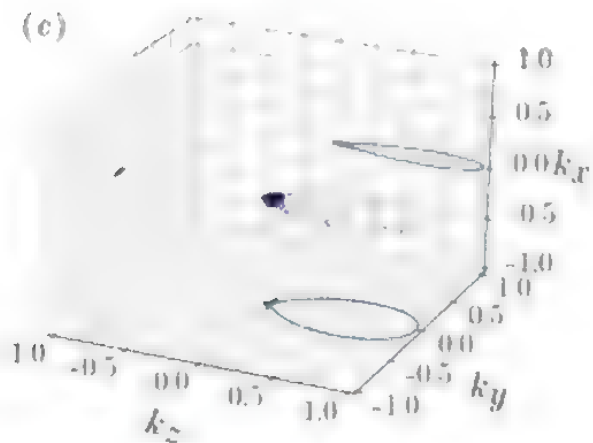
(a)



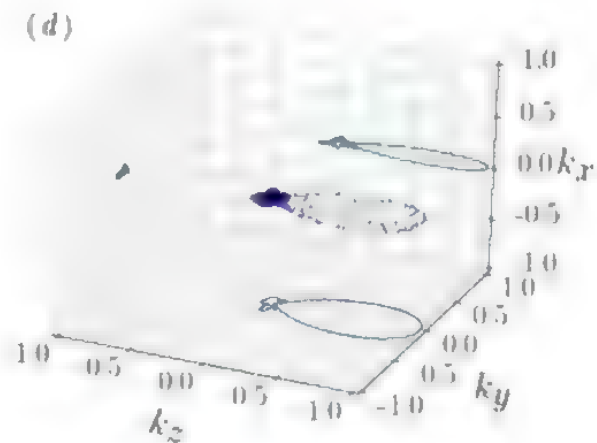
(b)



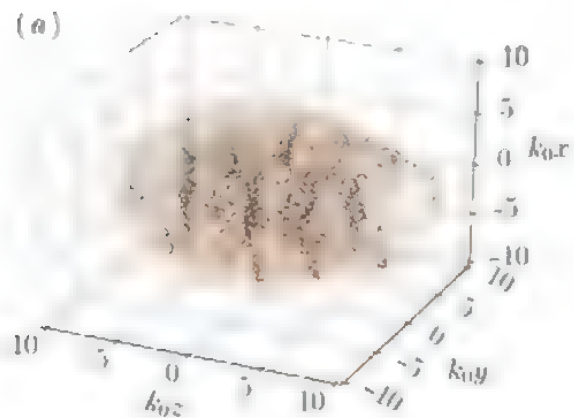
(c)



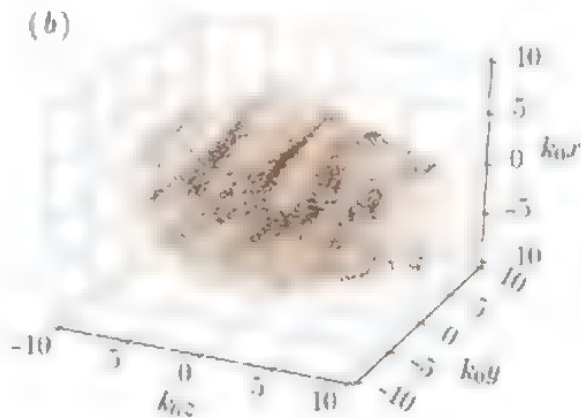
(d)



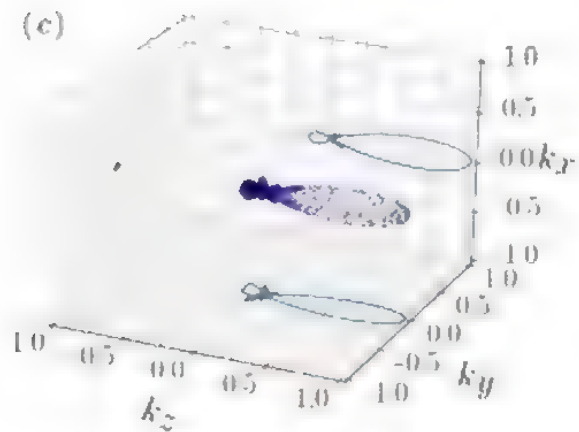
(a)



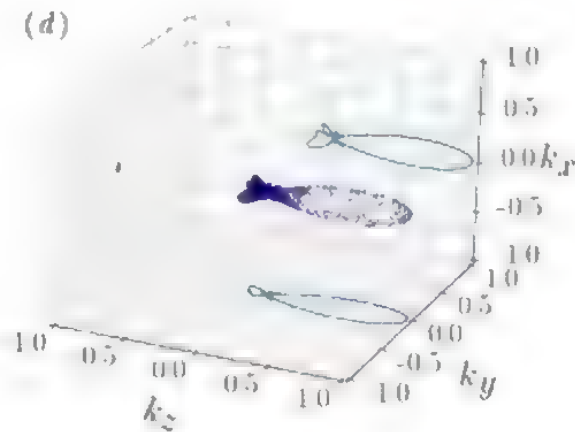
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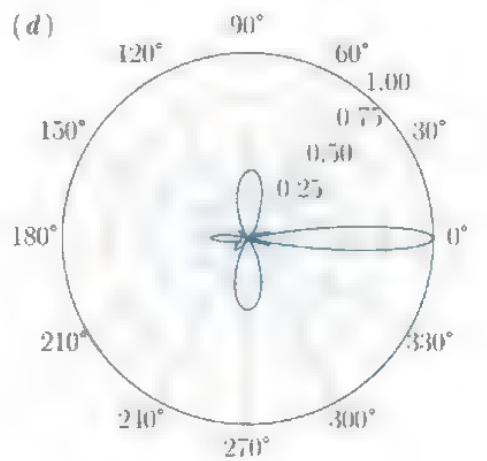
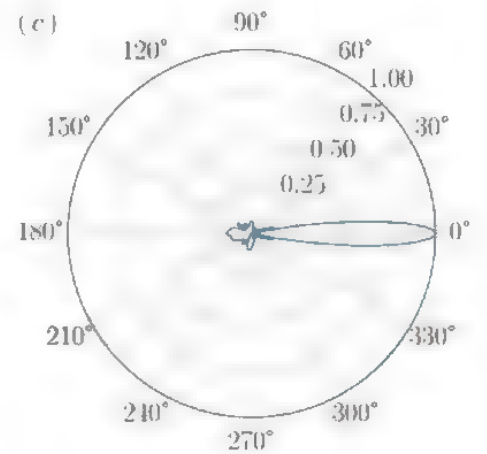
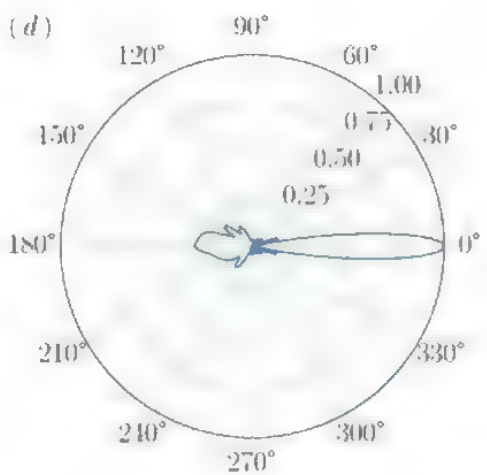
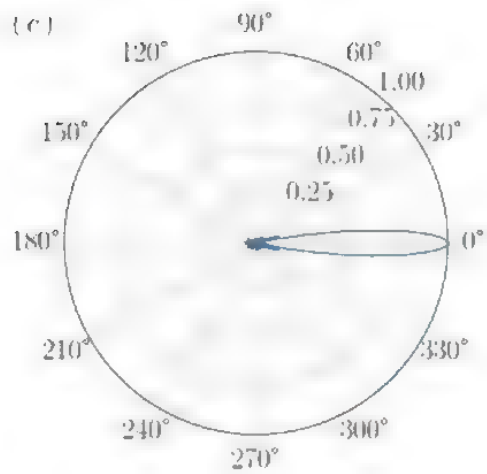
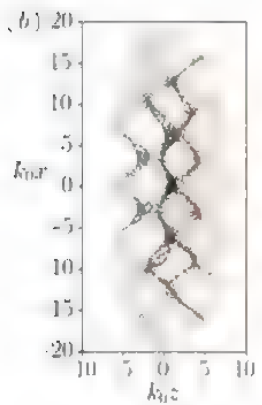
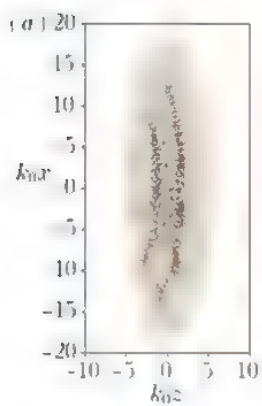
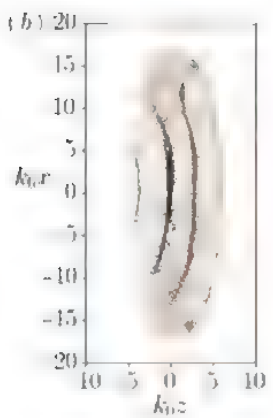
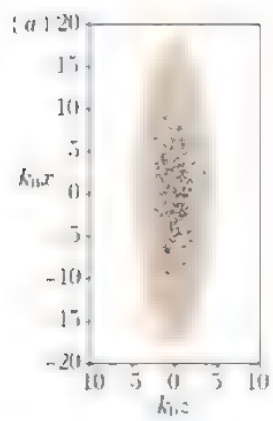


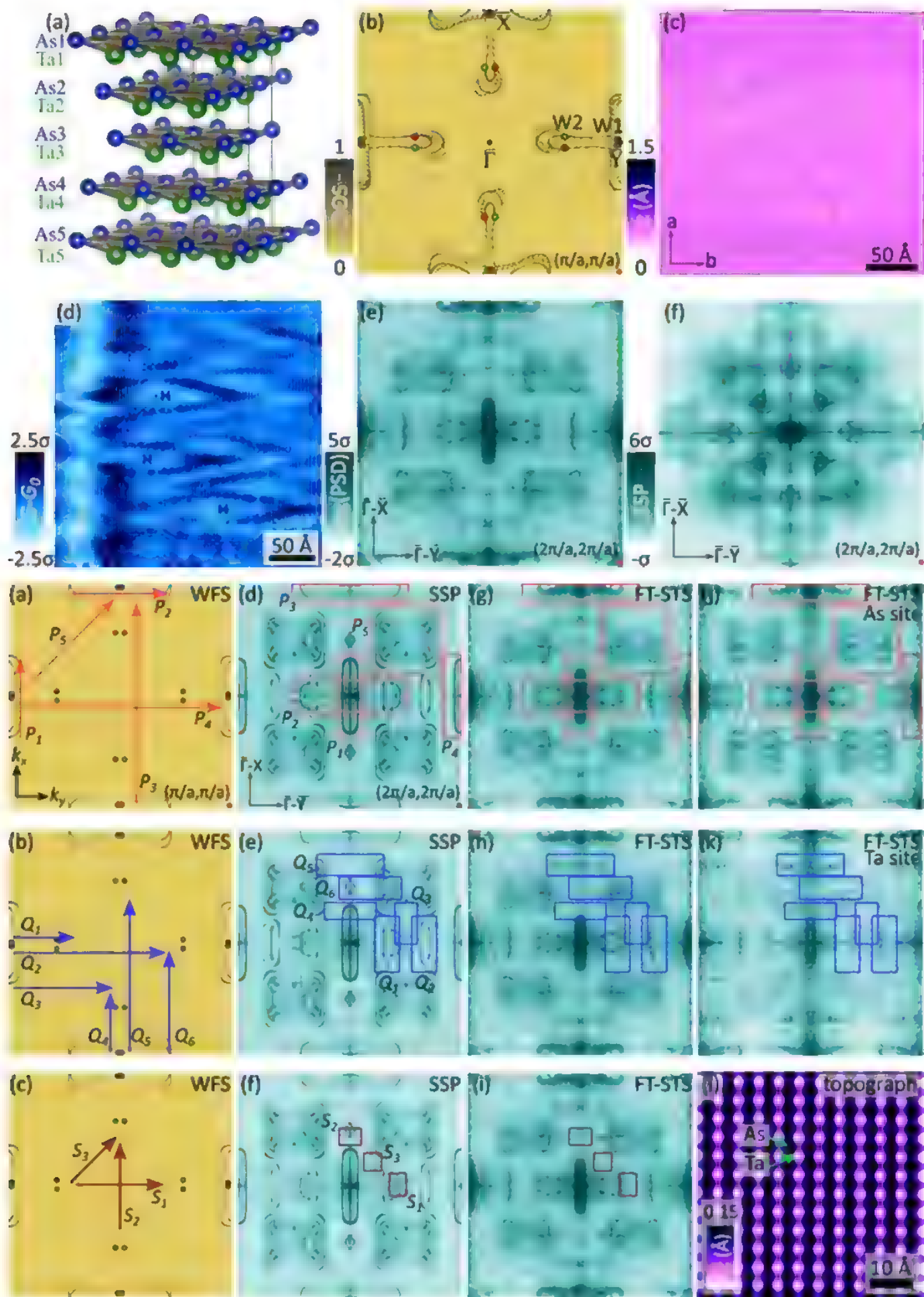
(c)

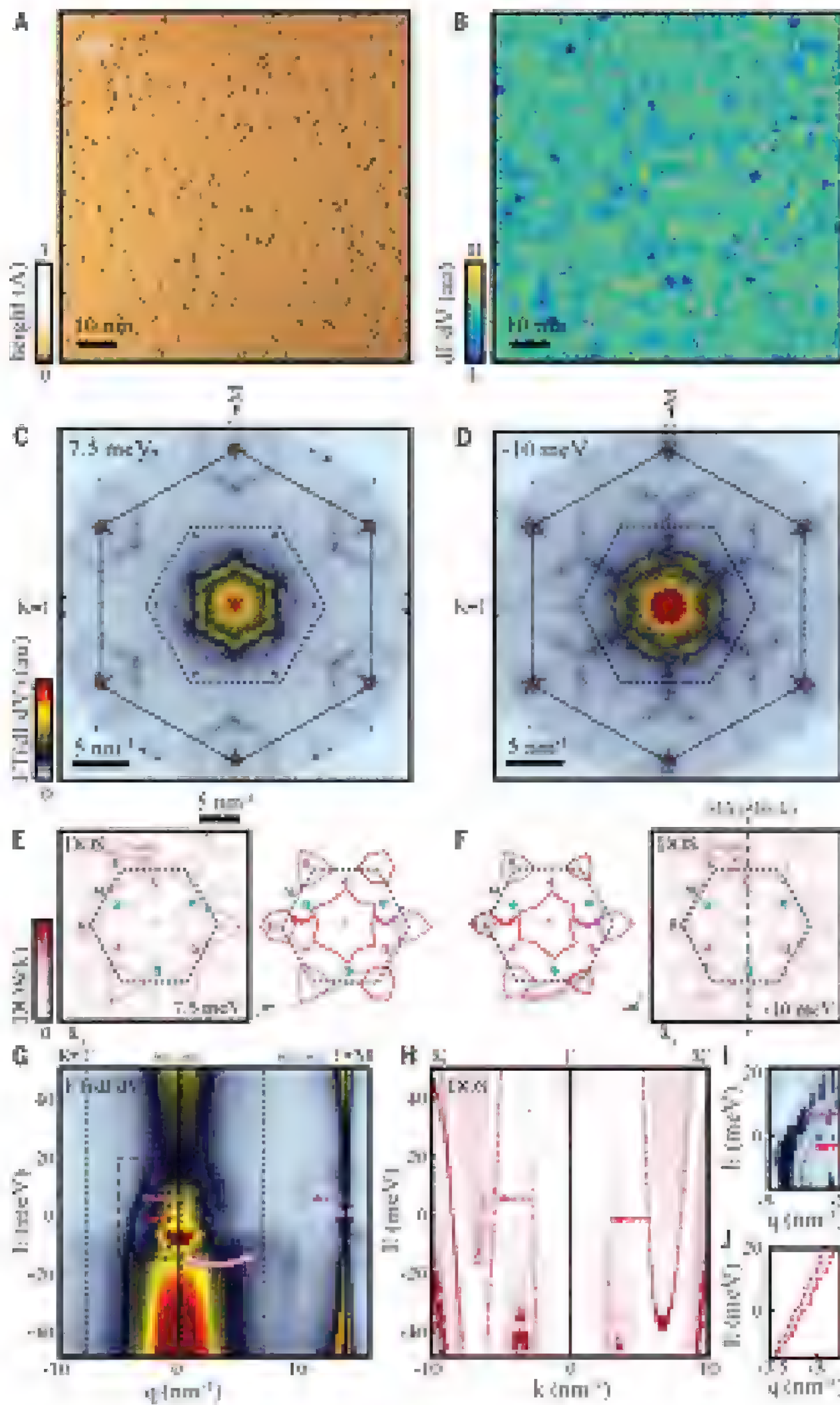


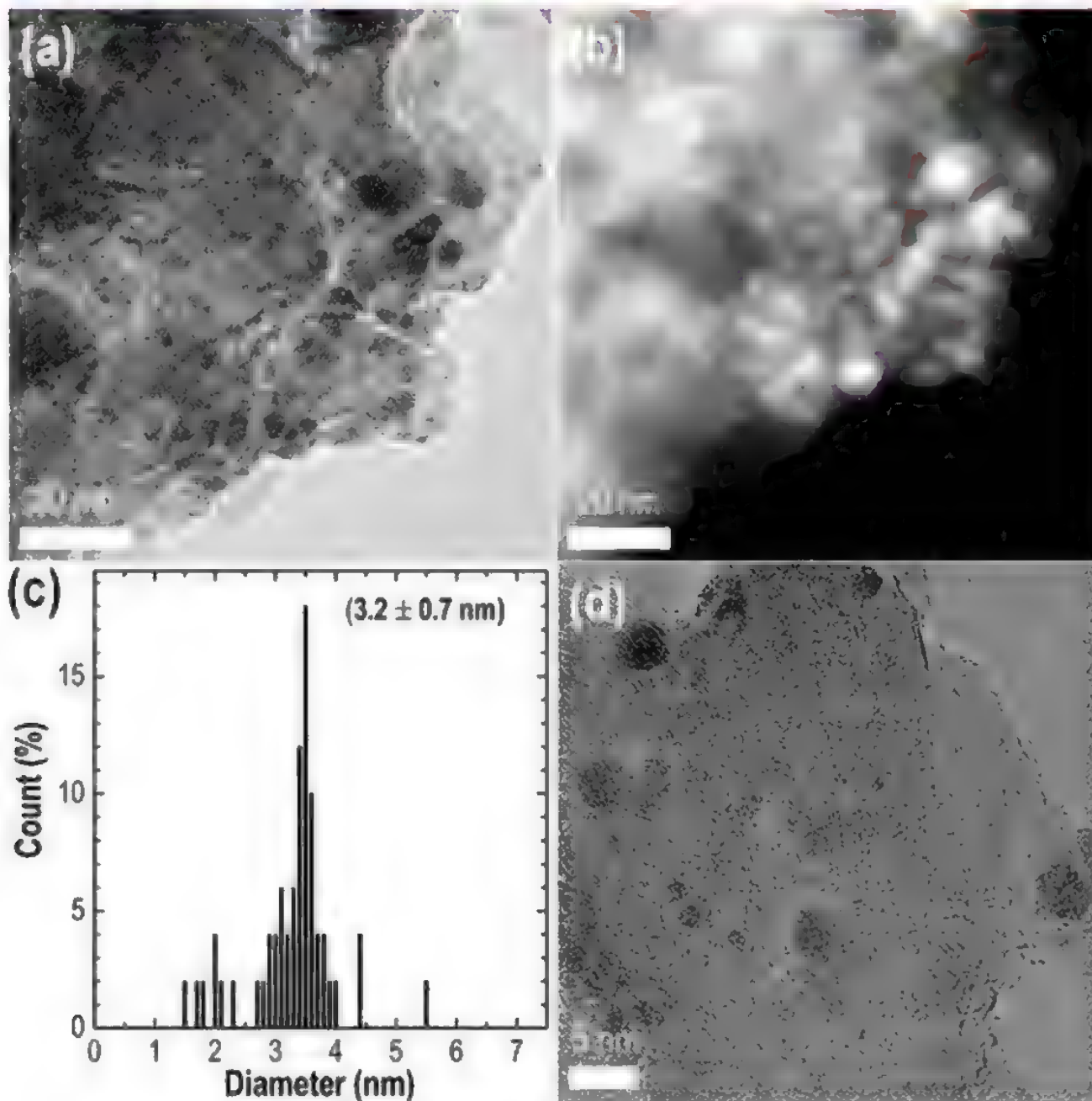
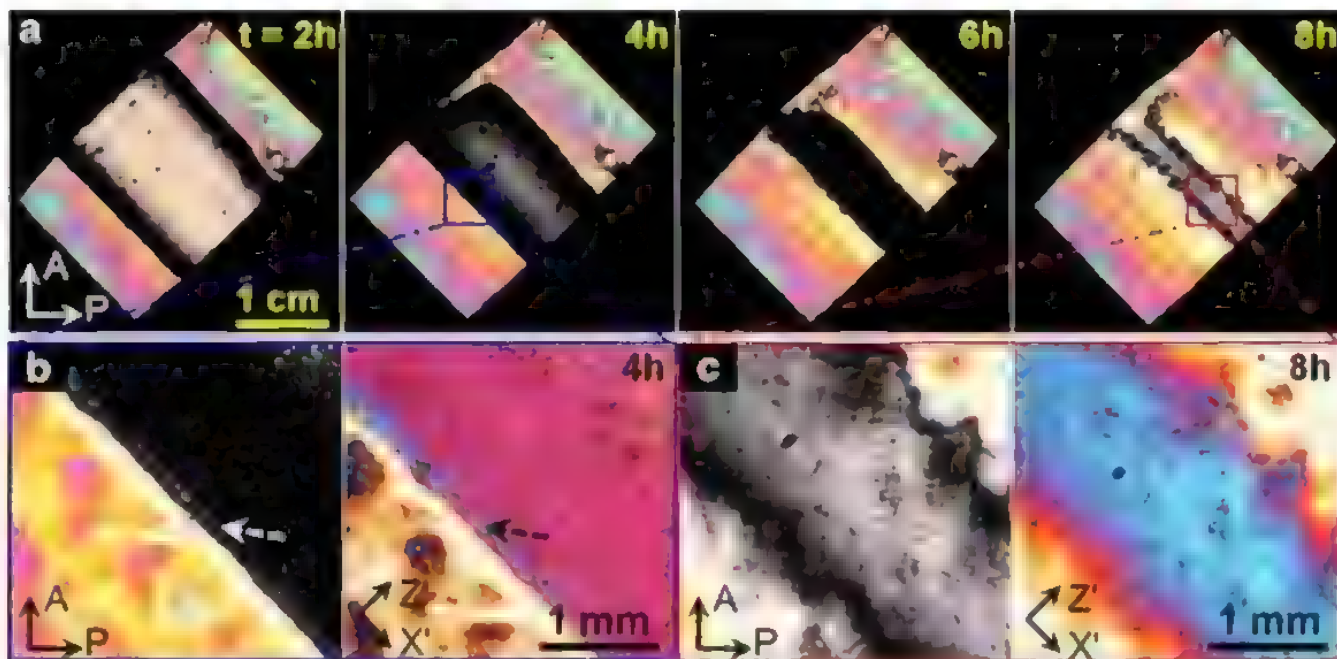
(d)

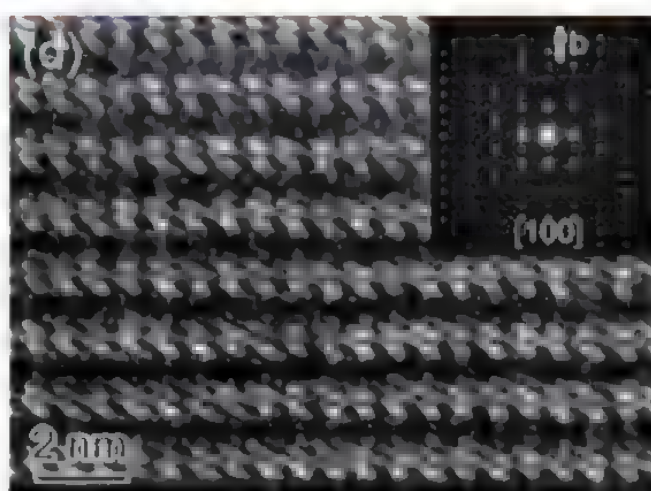
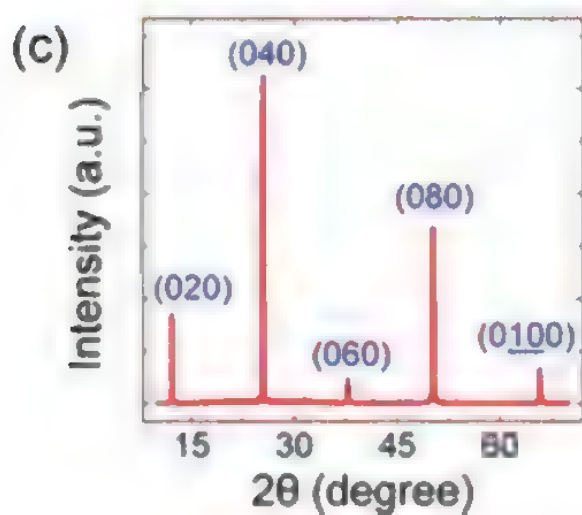
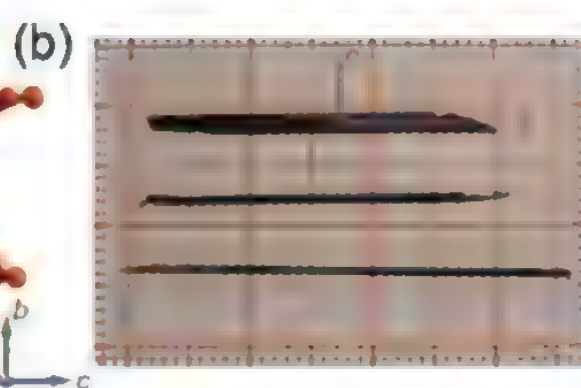
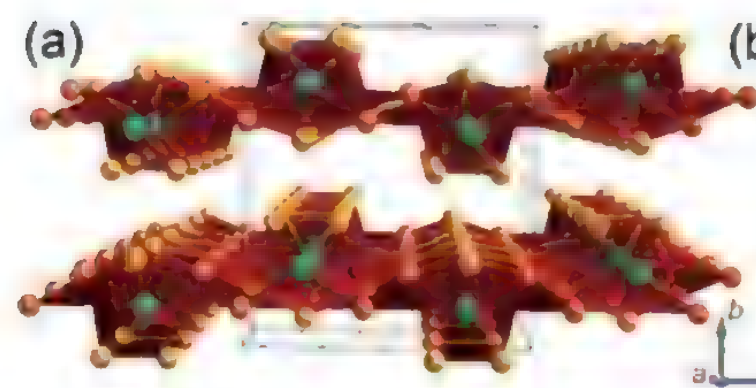
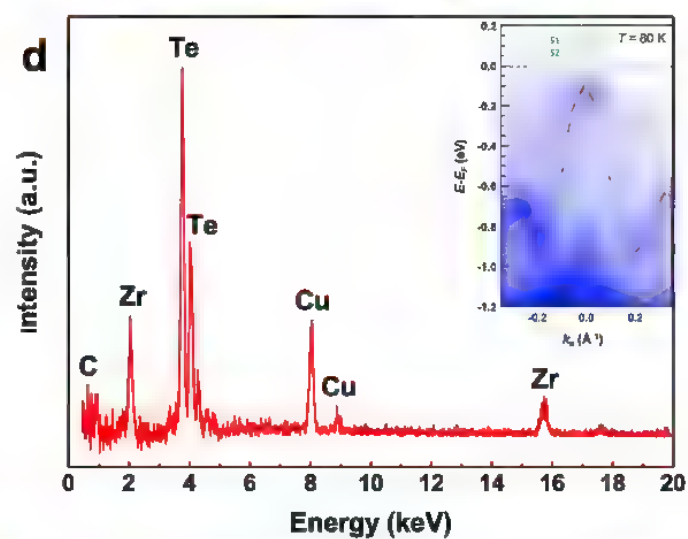
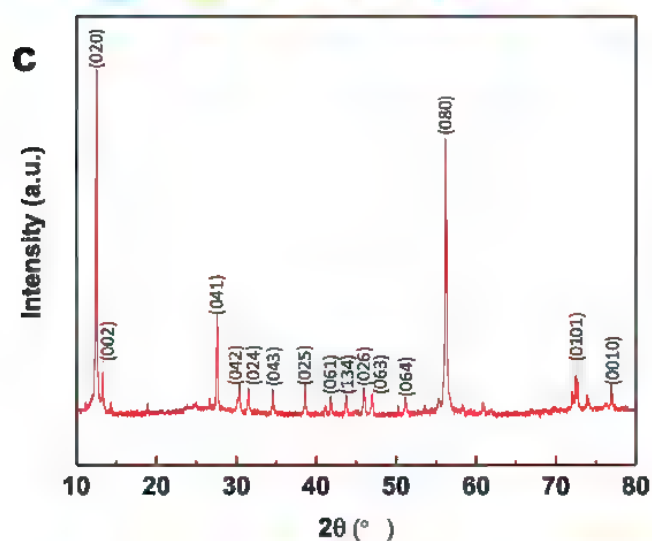
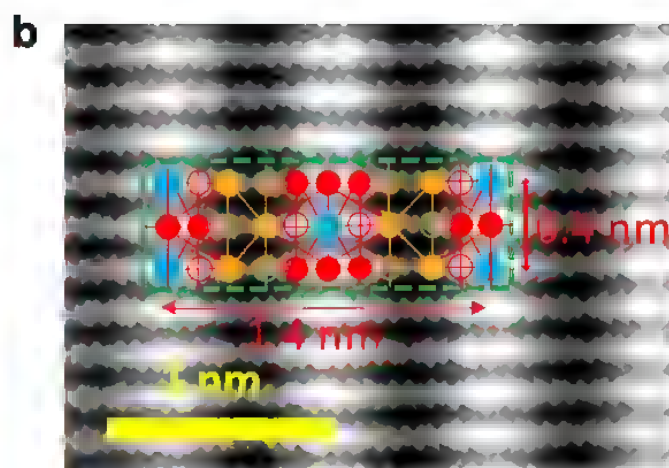
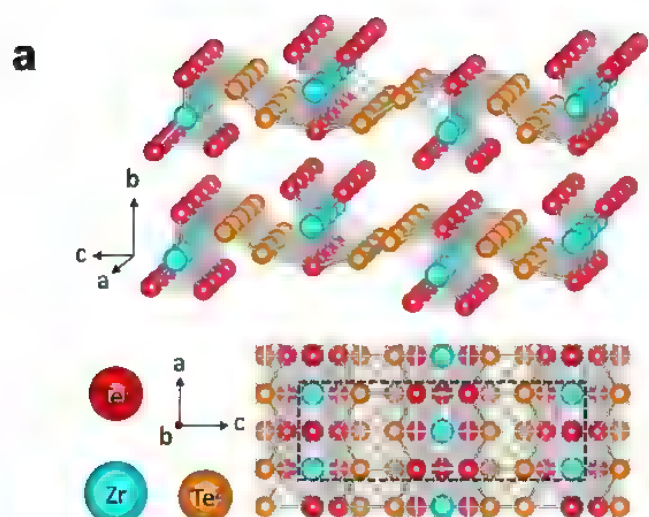


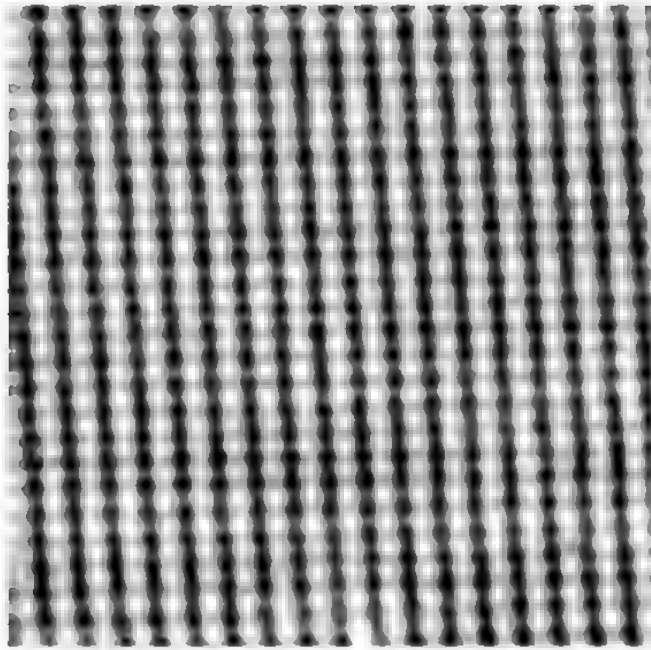




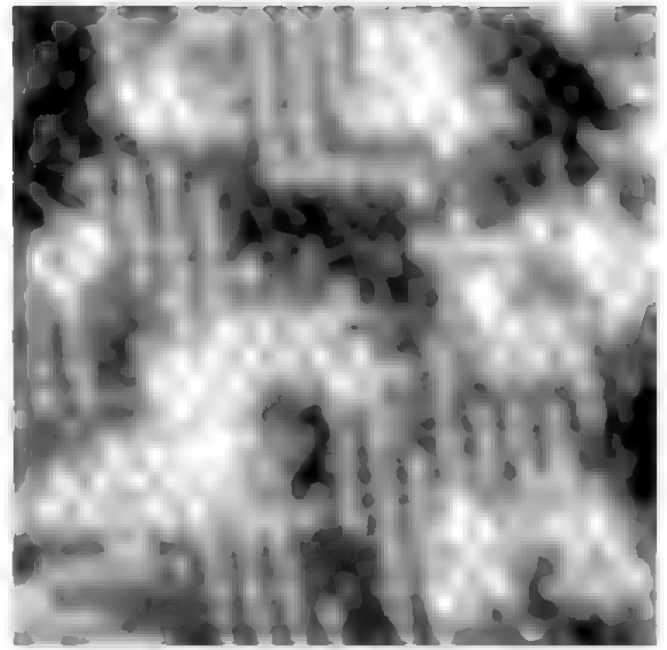




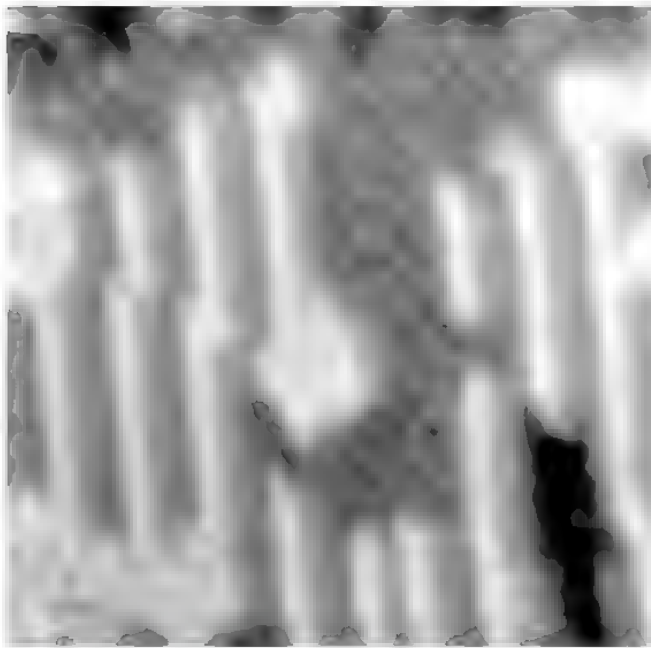




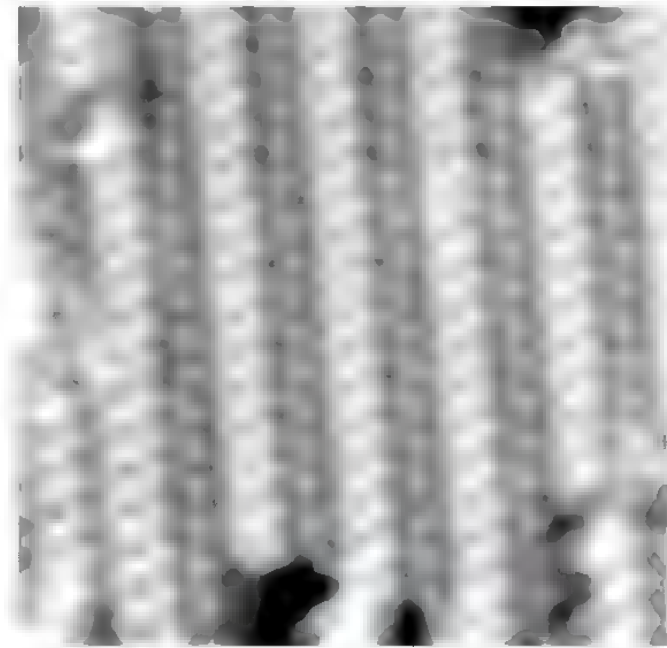
(a)



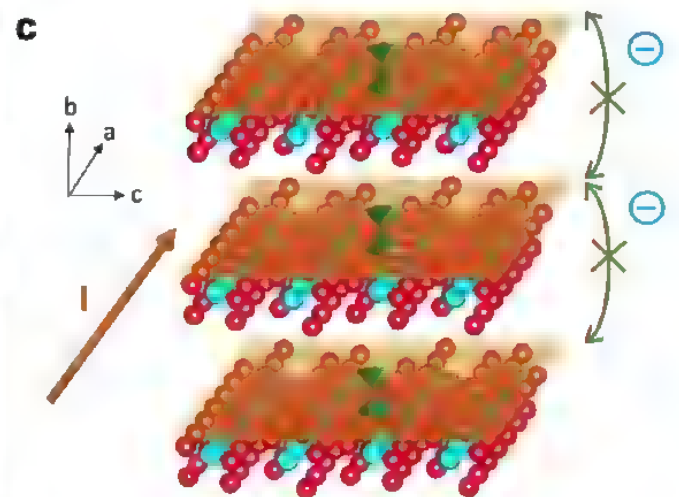
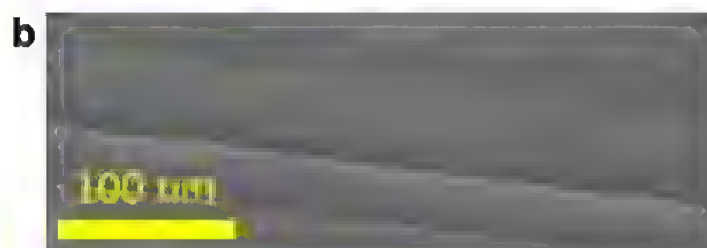
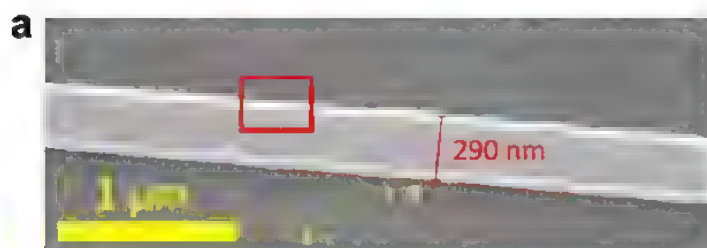
(b)

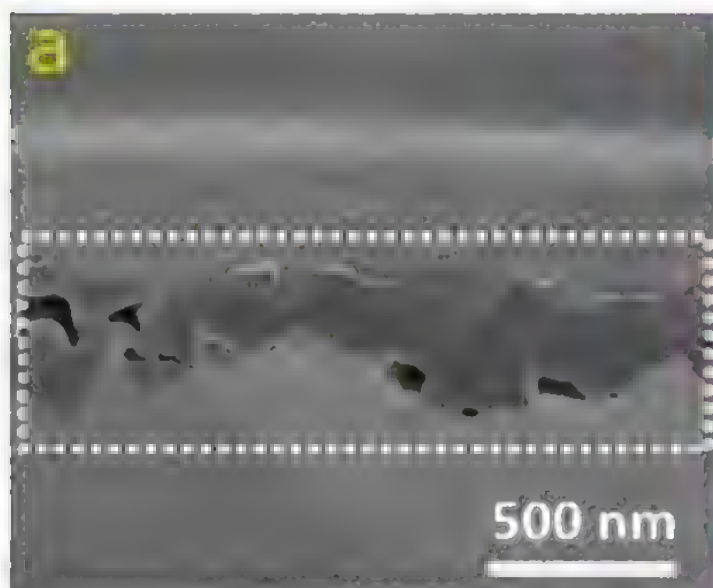
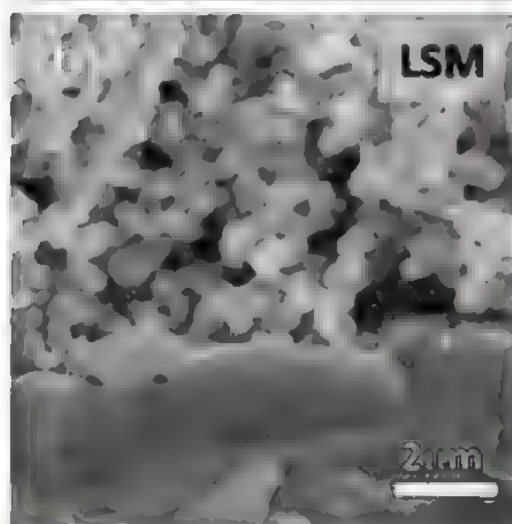
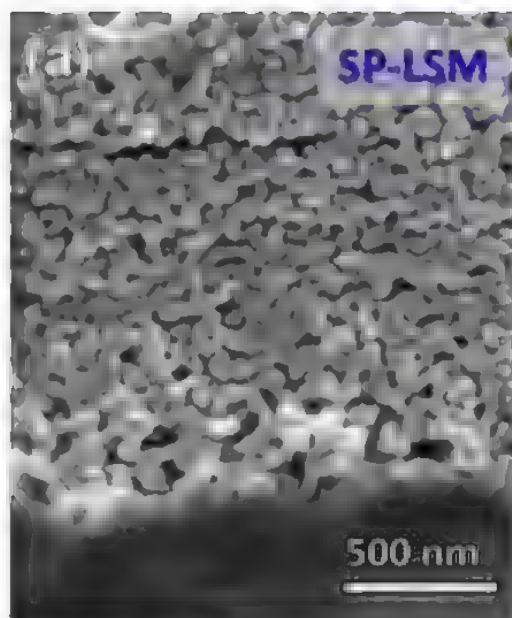


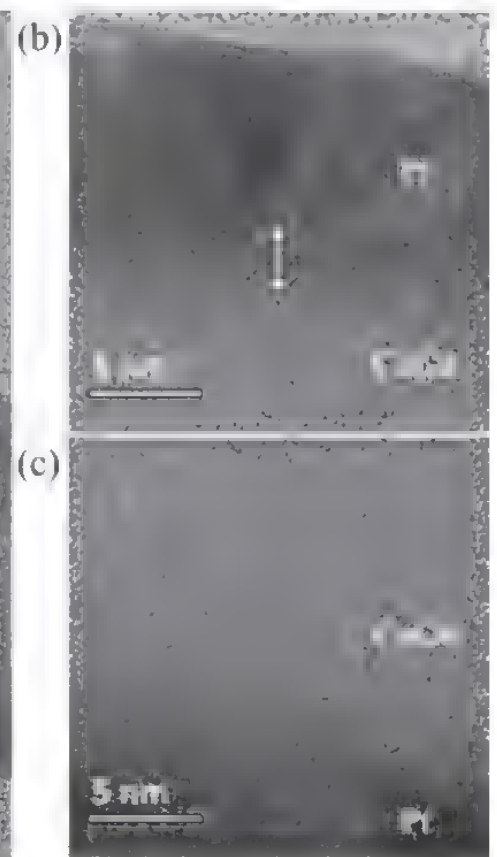
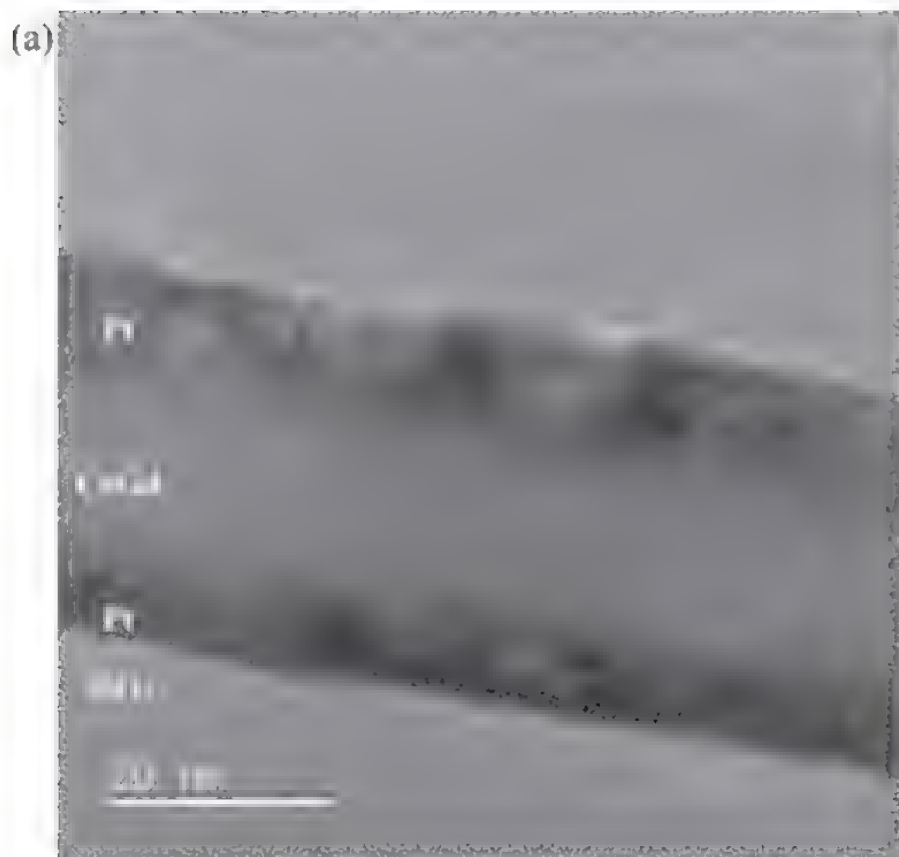
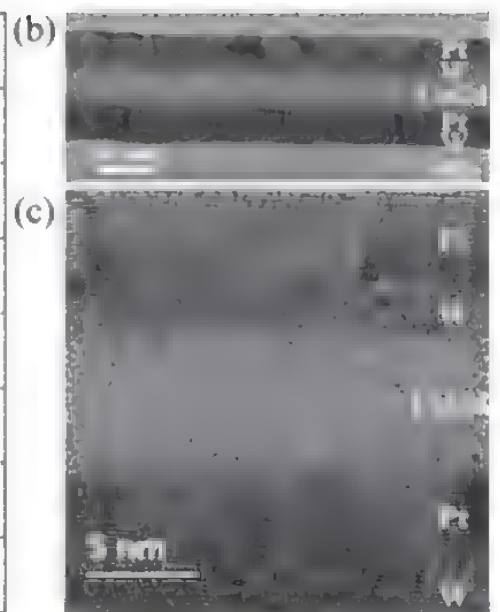
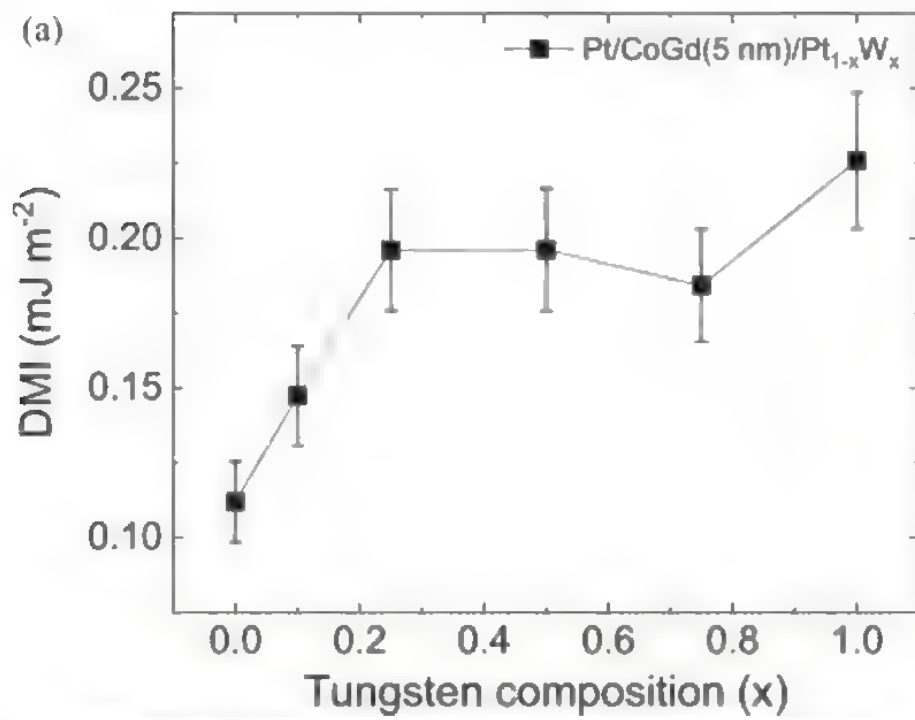
(c)

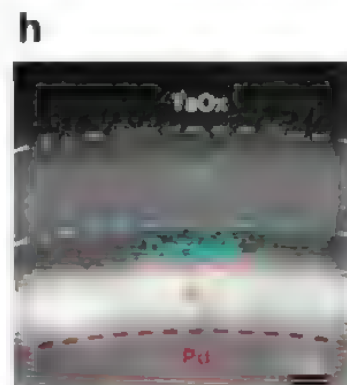
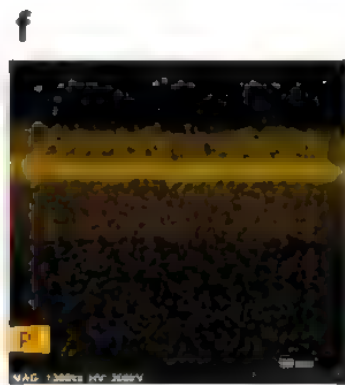
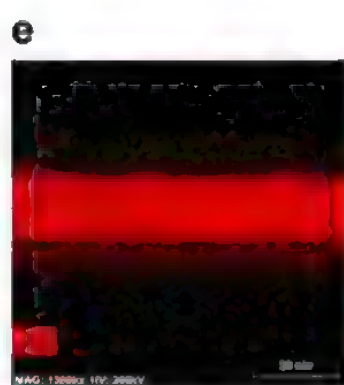
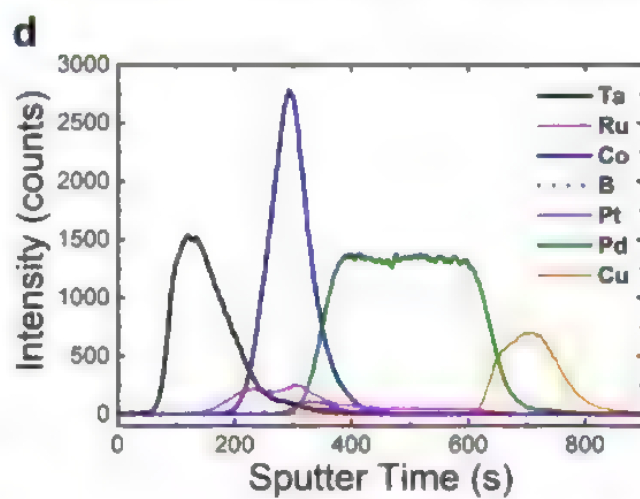
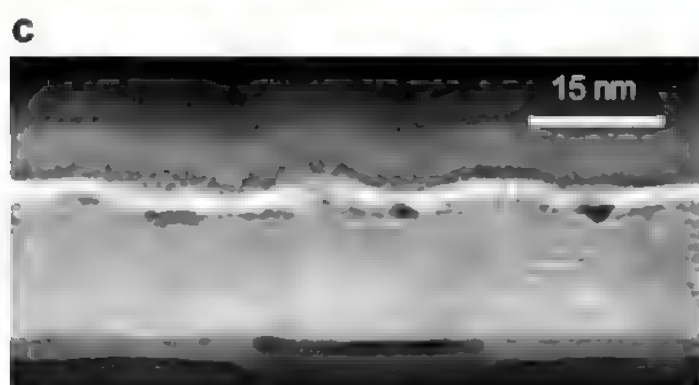
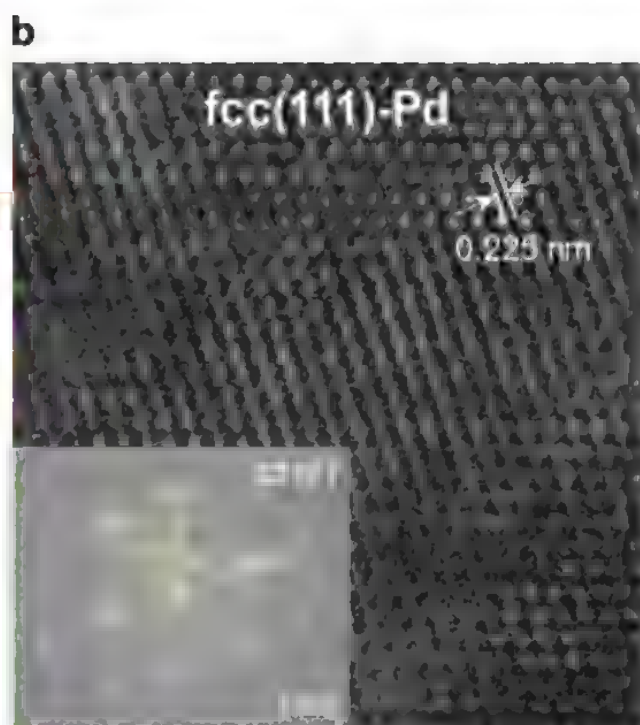
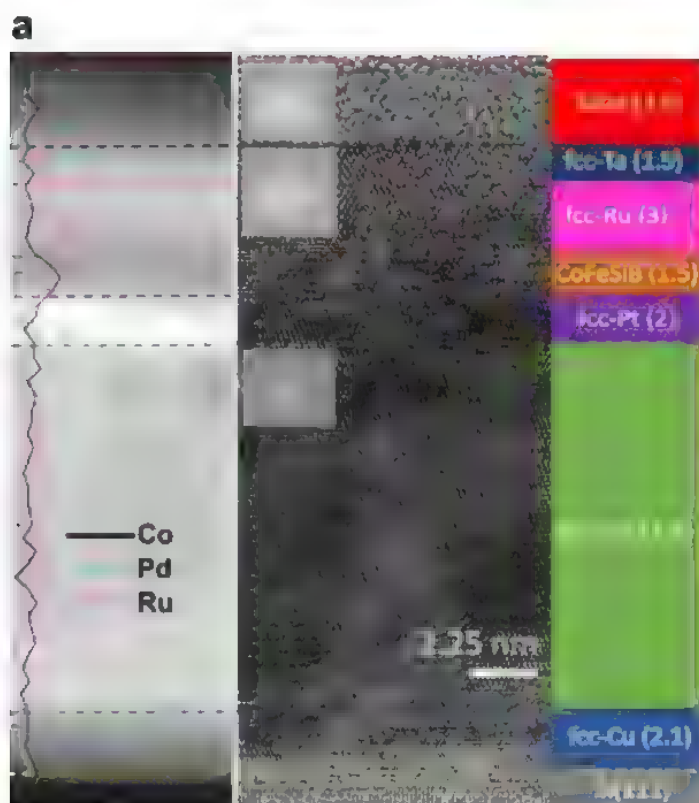


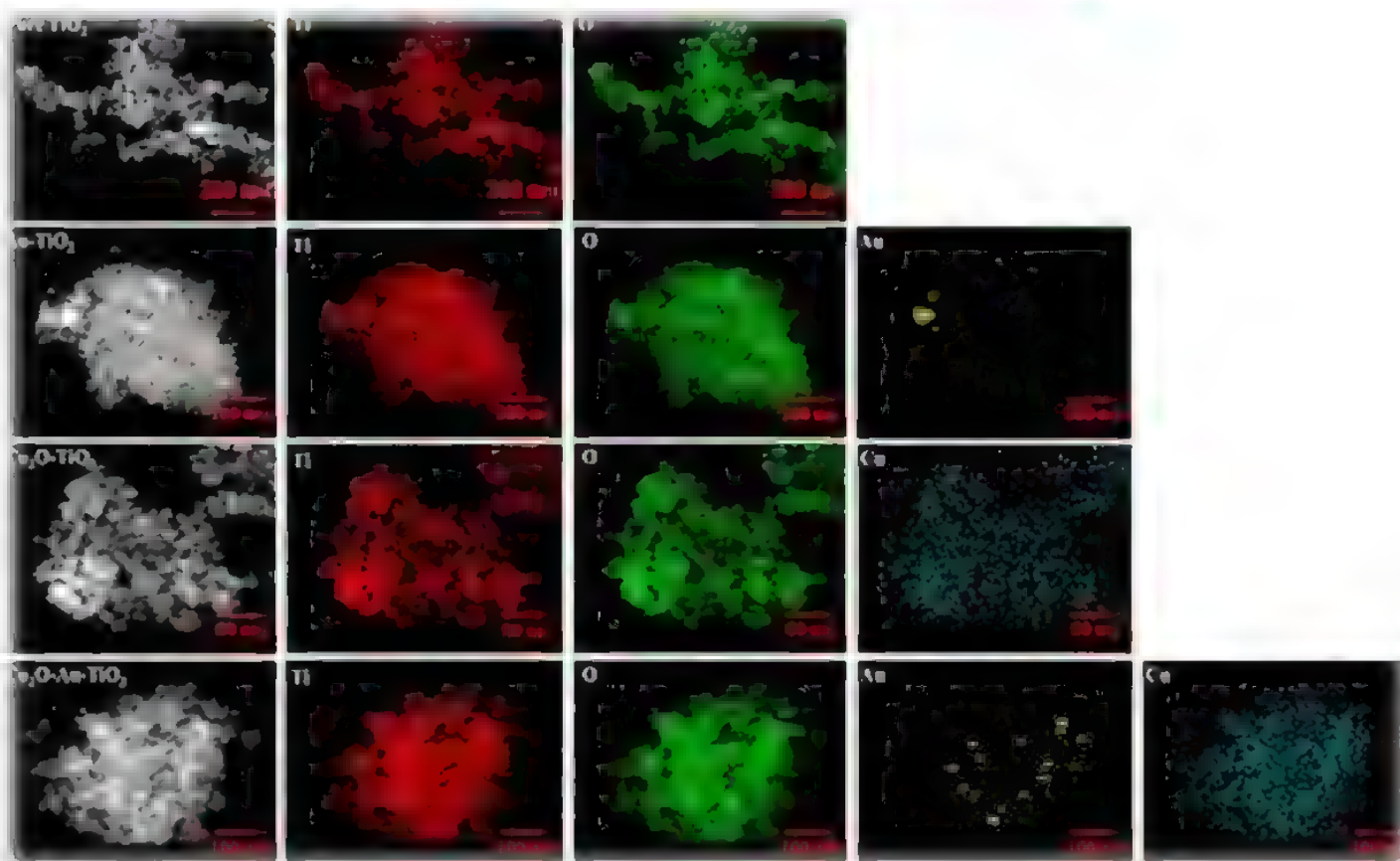
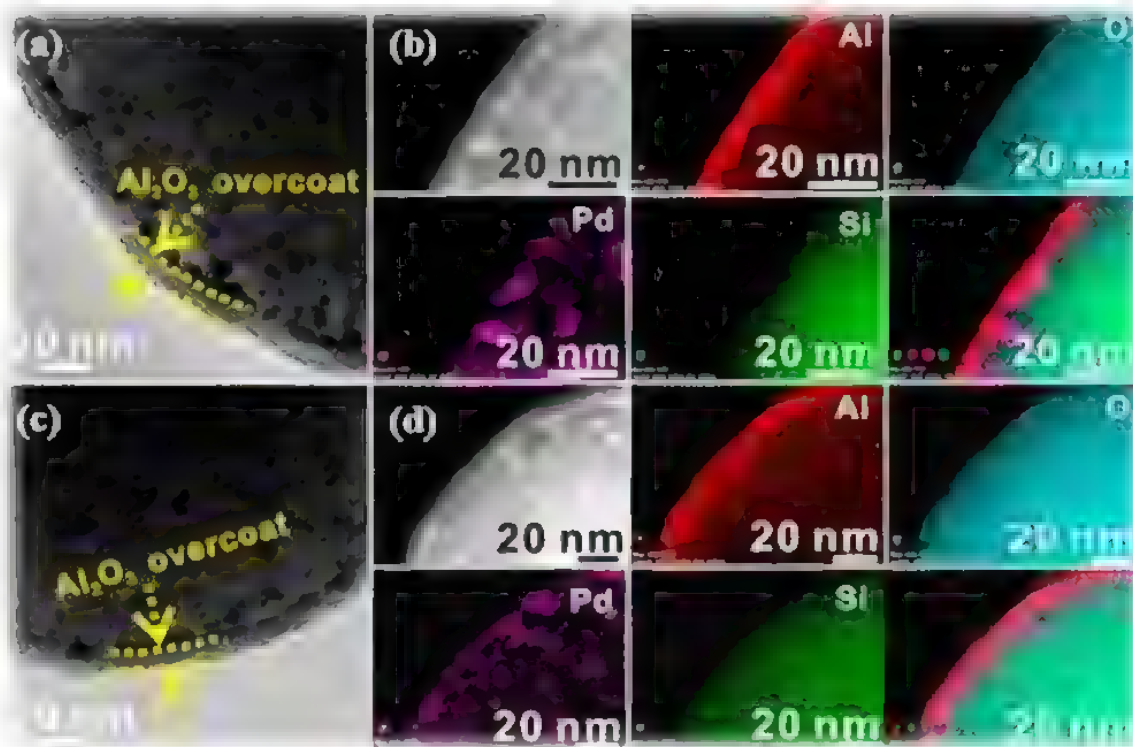
(d)

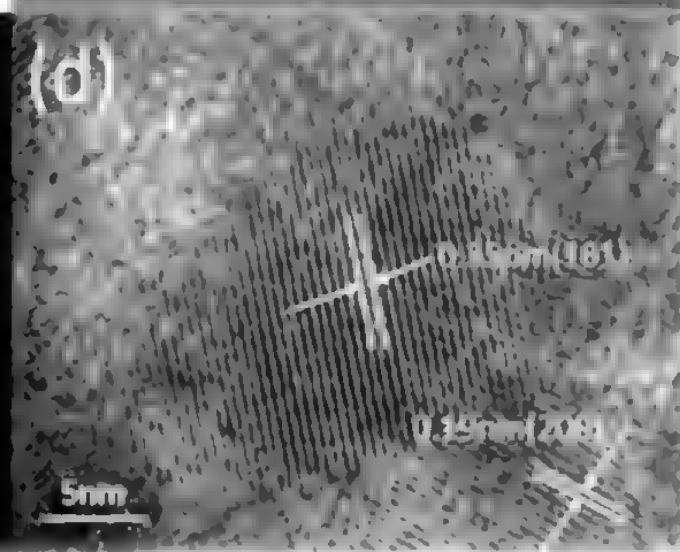
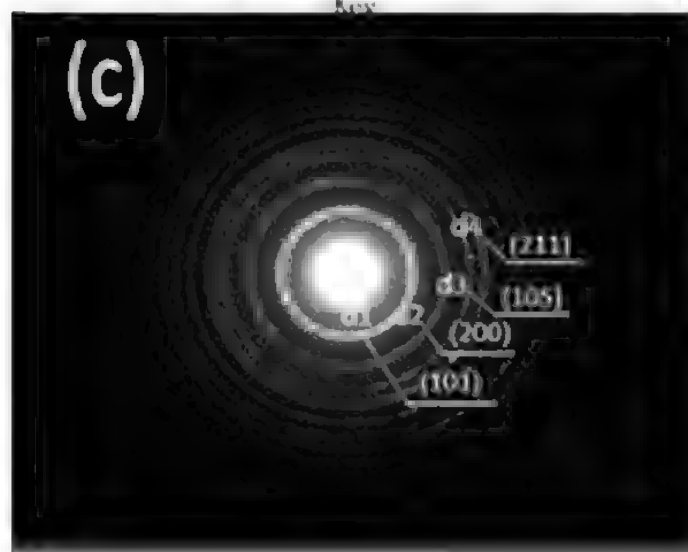
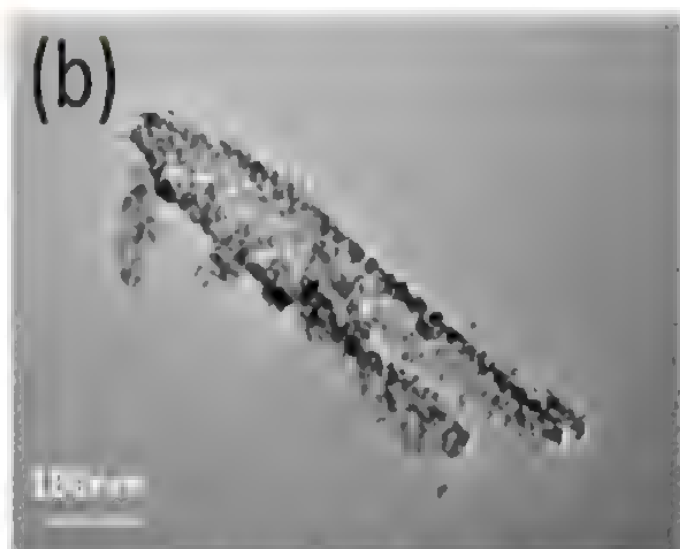
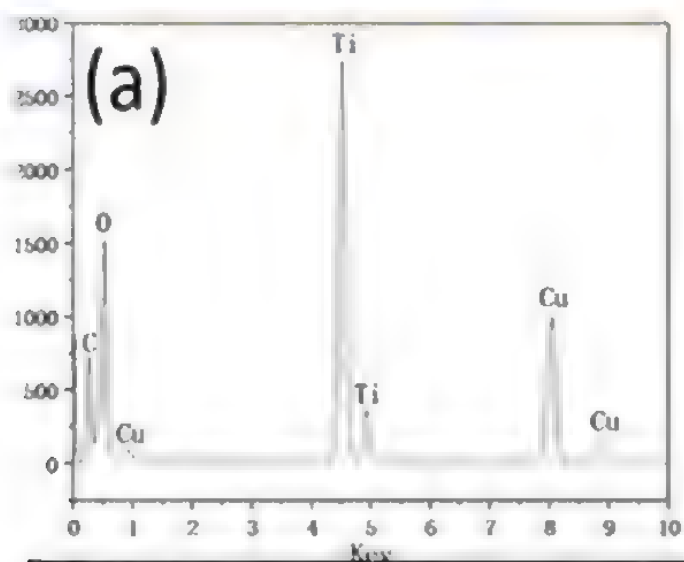
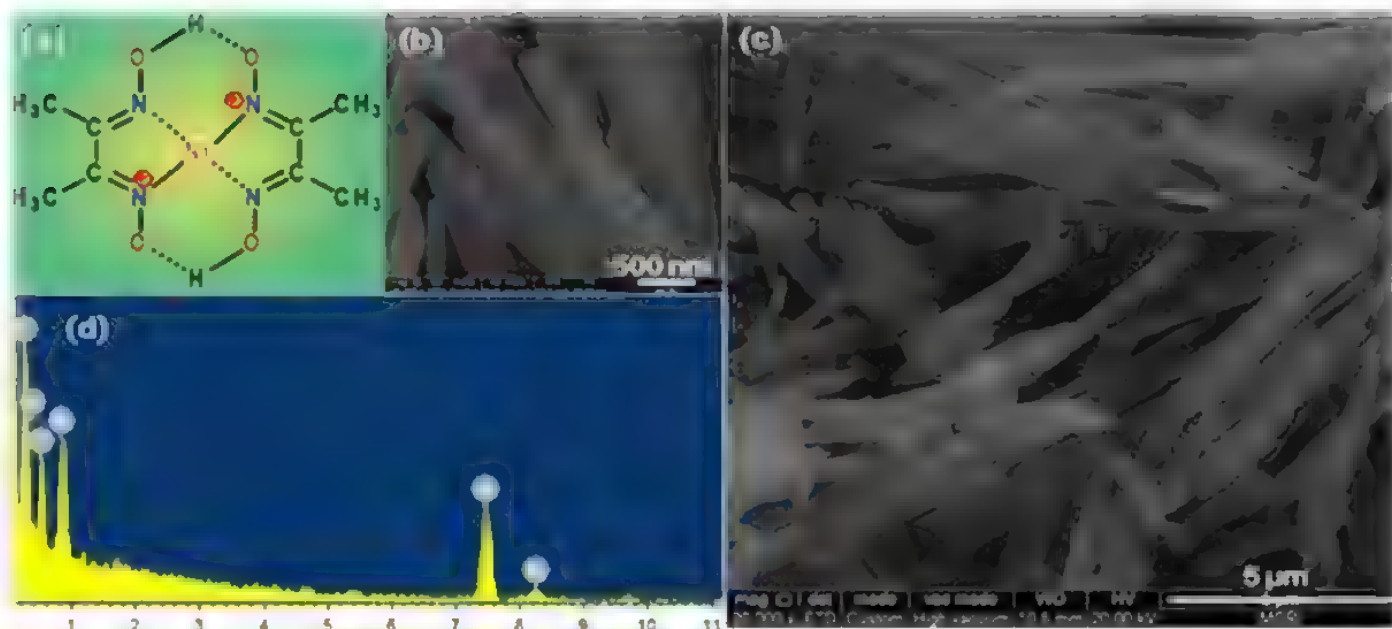


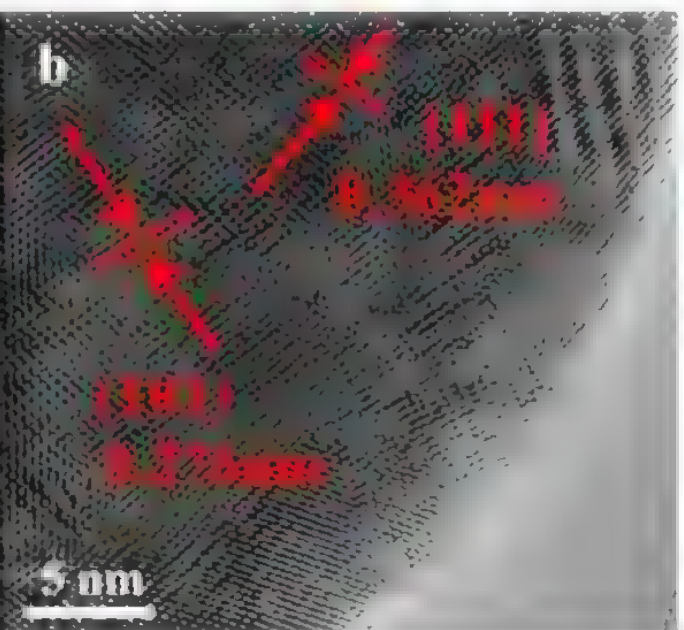
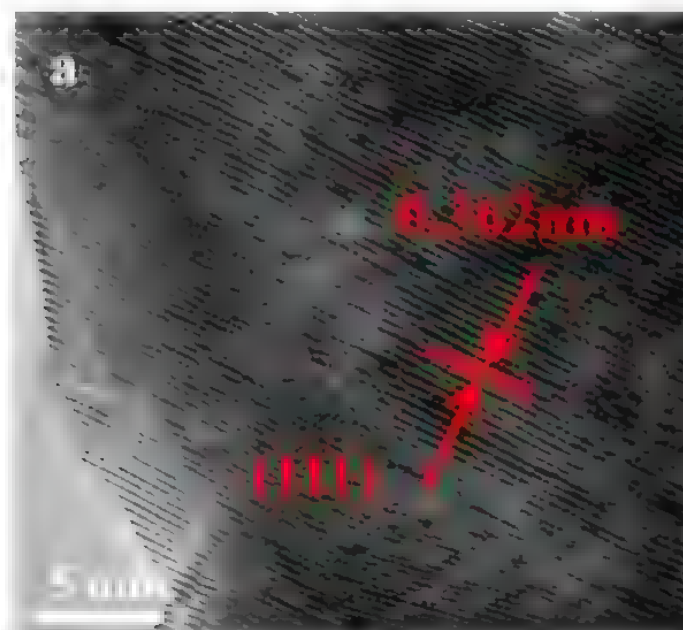
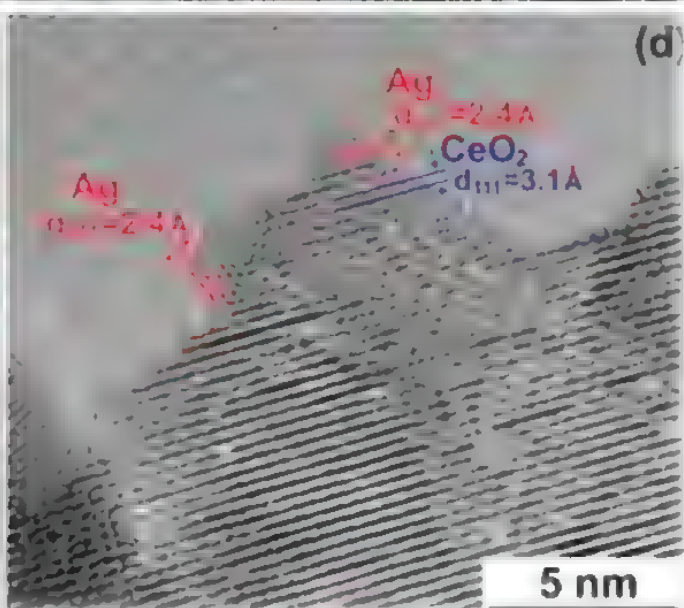
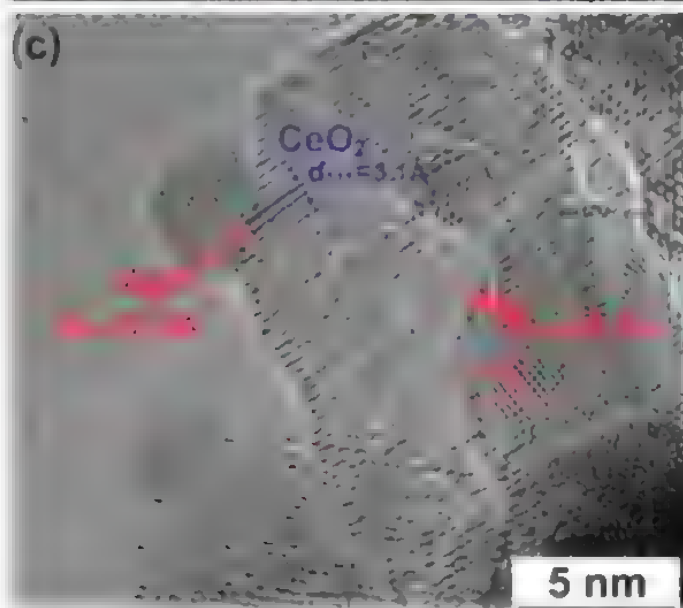
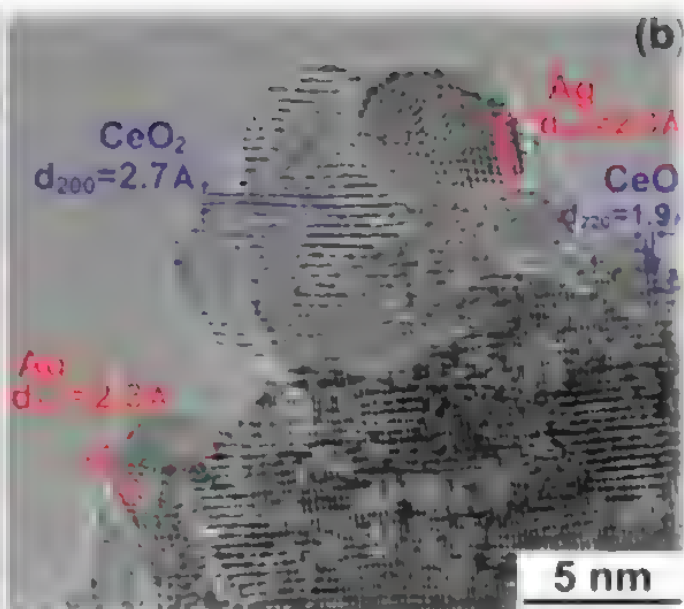
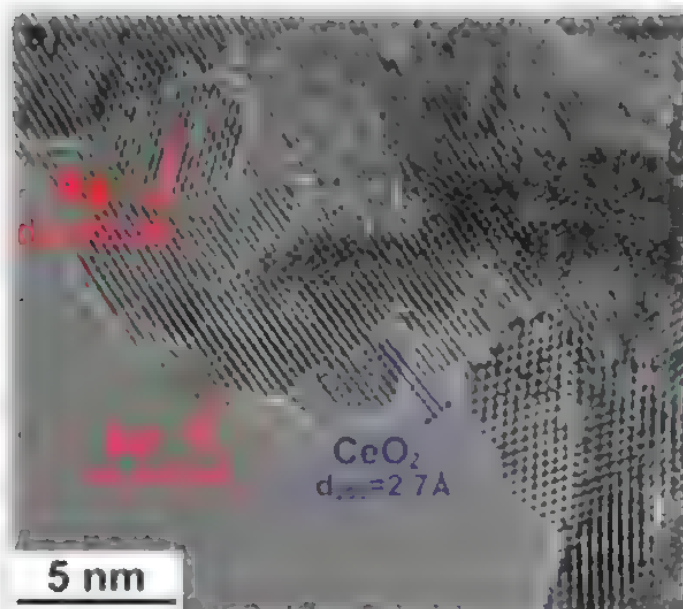


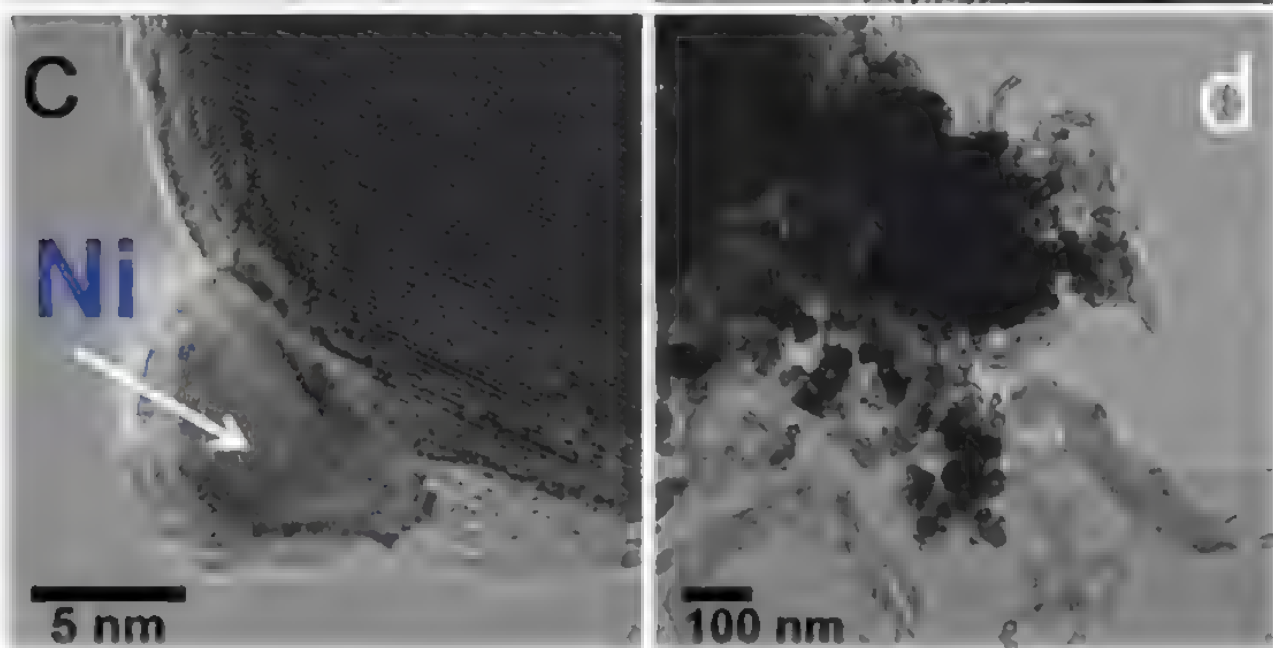
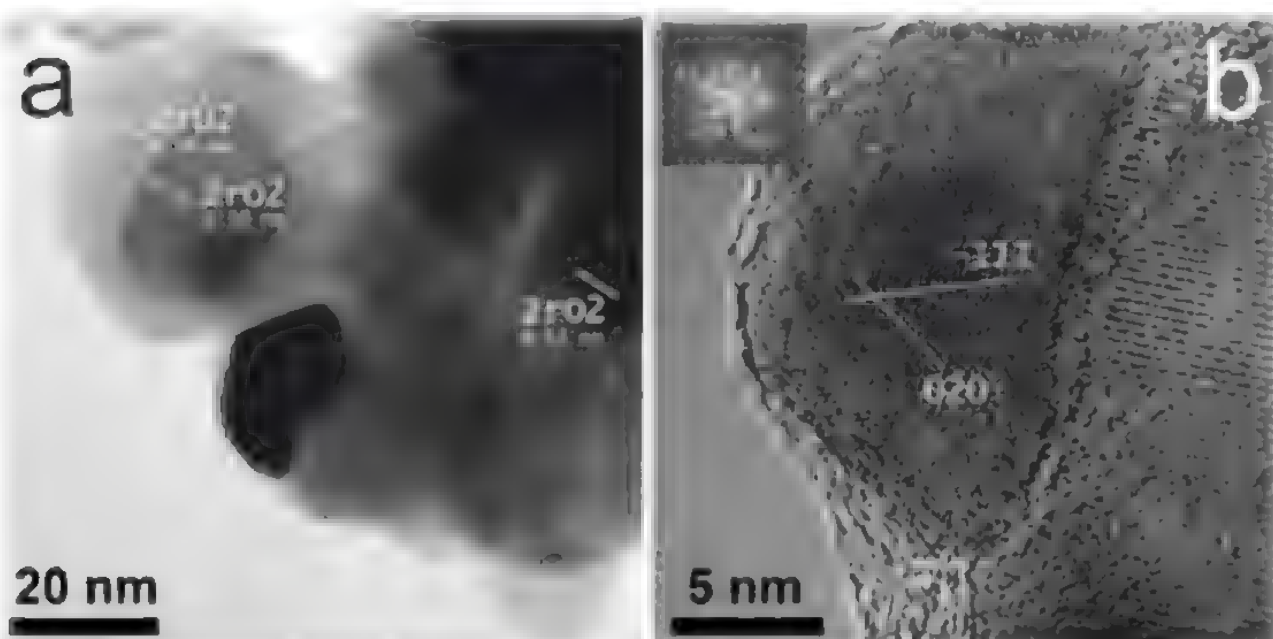
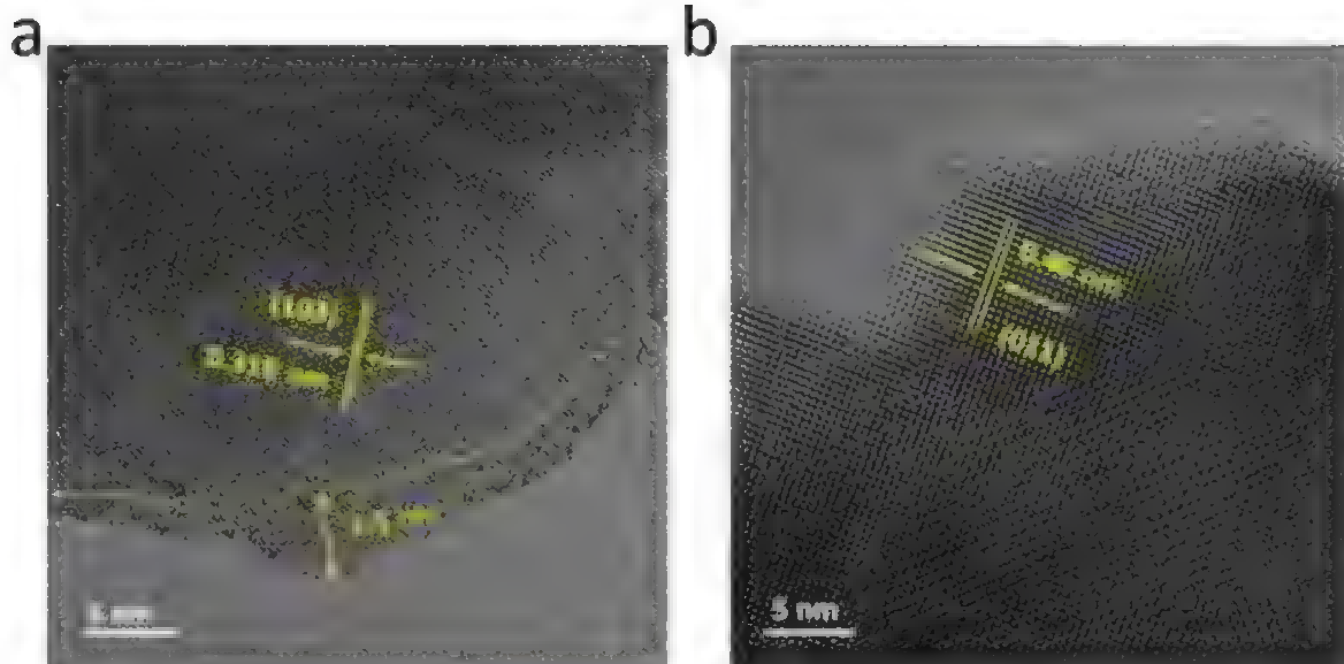


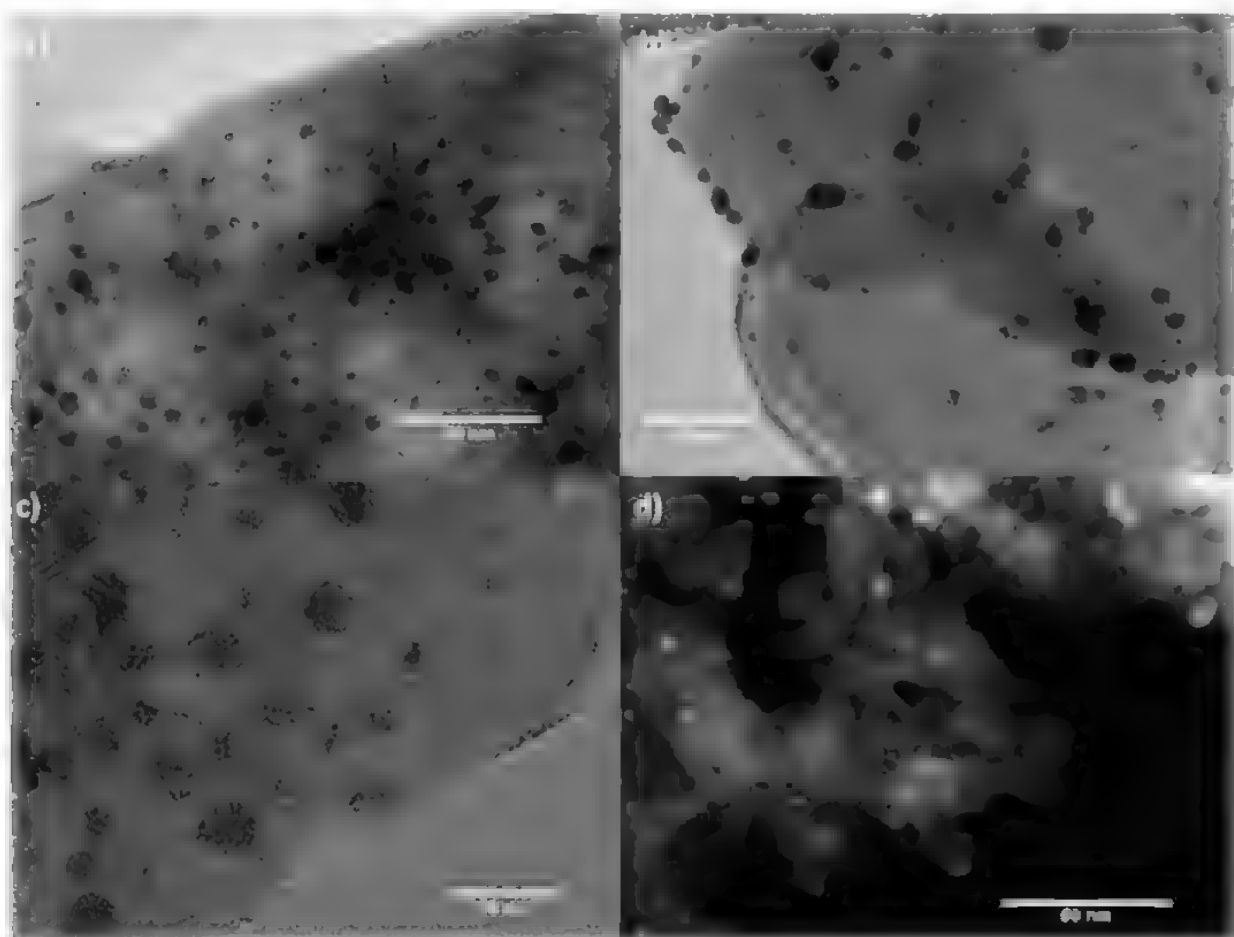
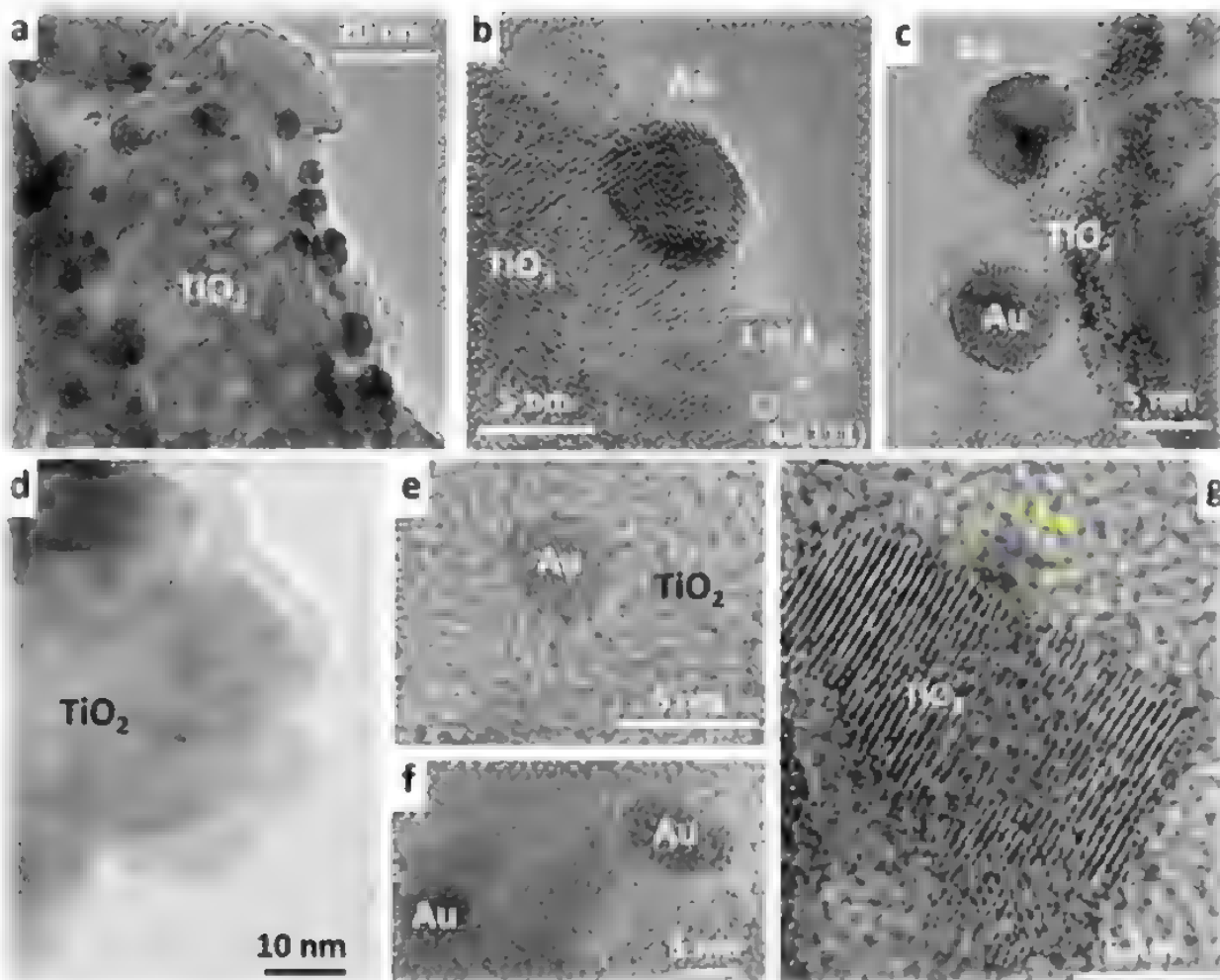


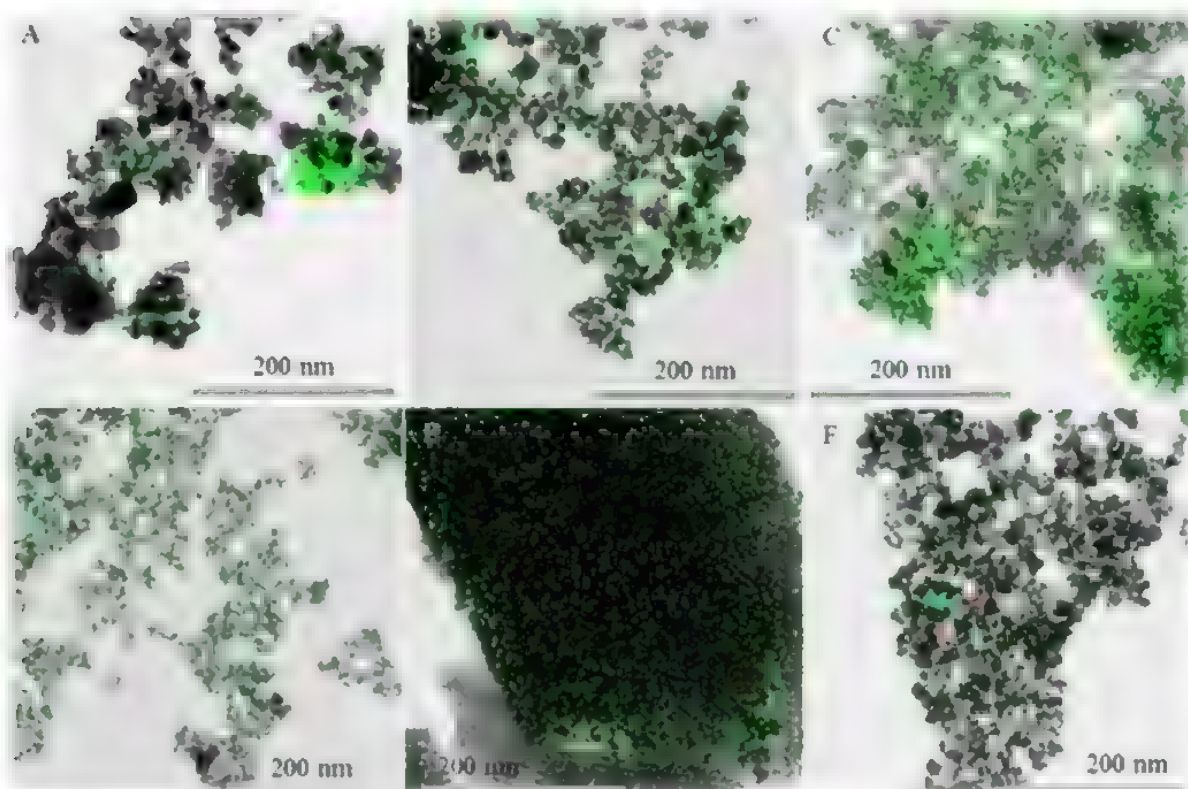
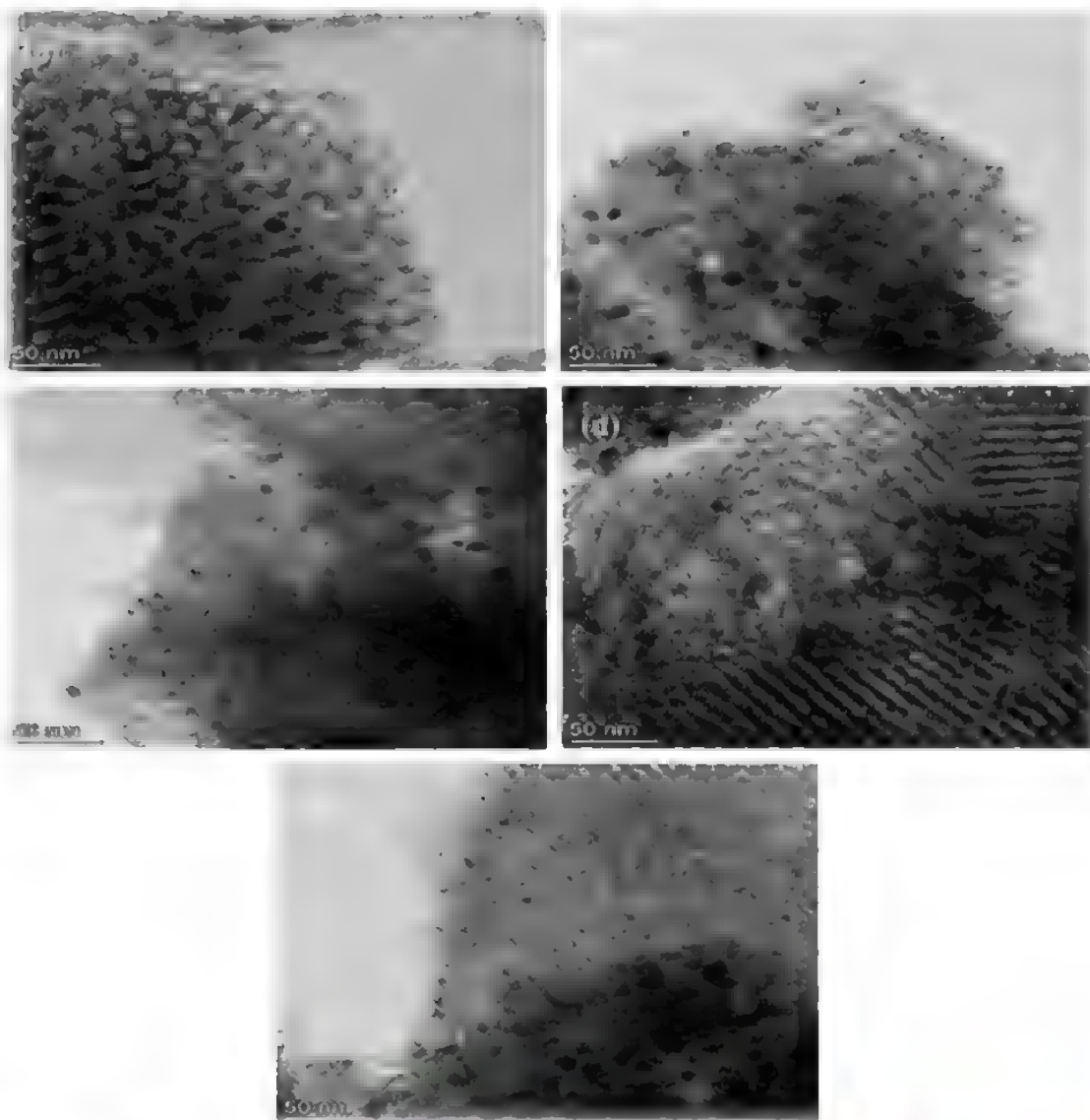


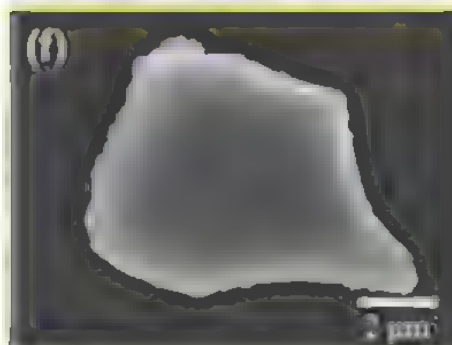
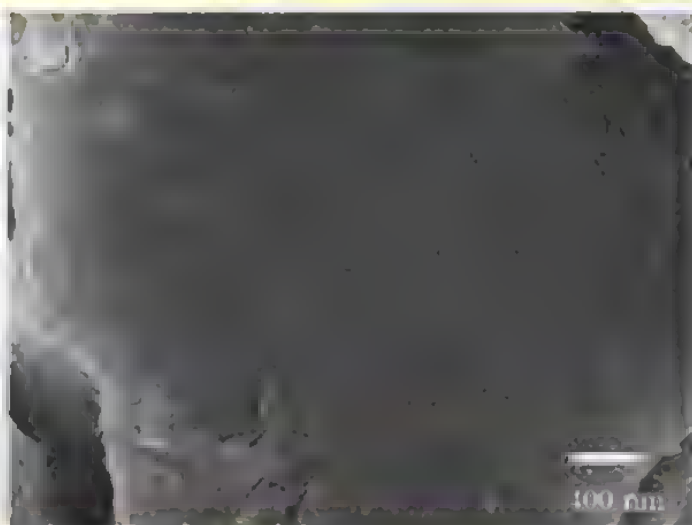
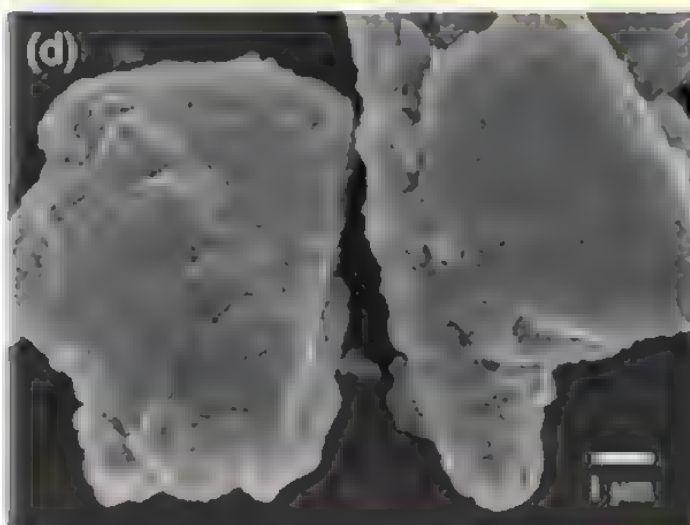
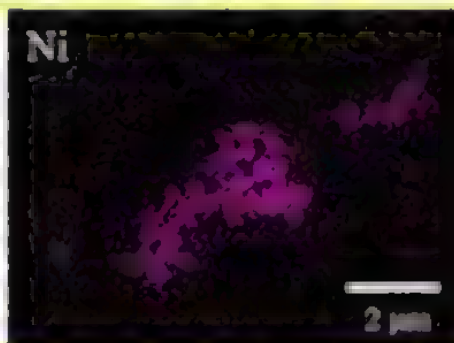
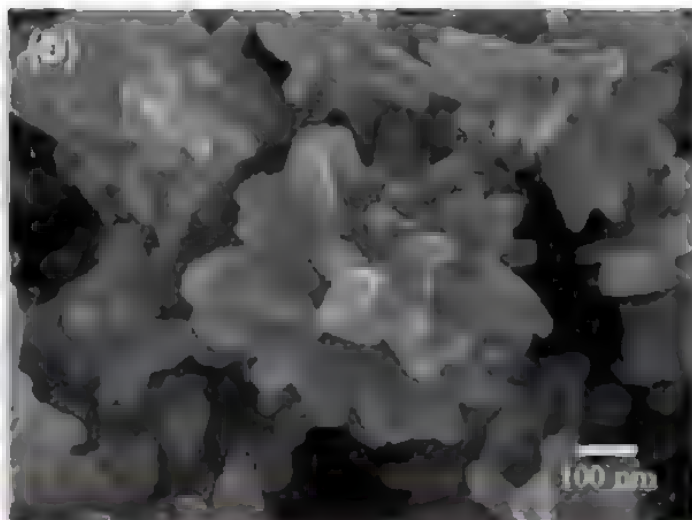
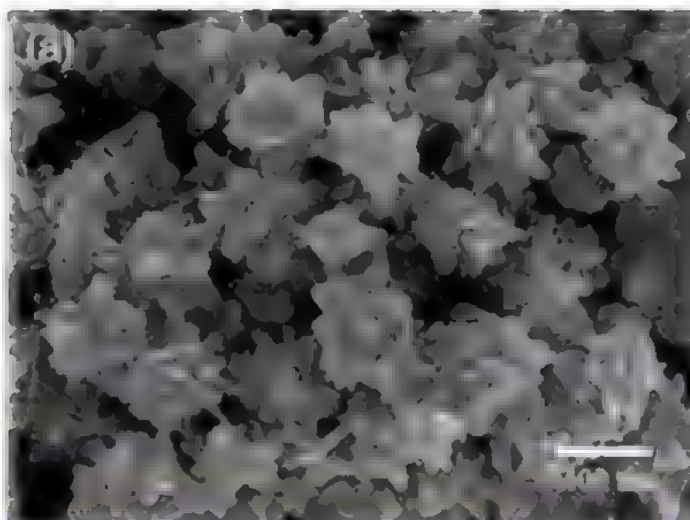


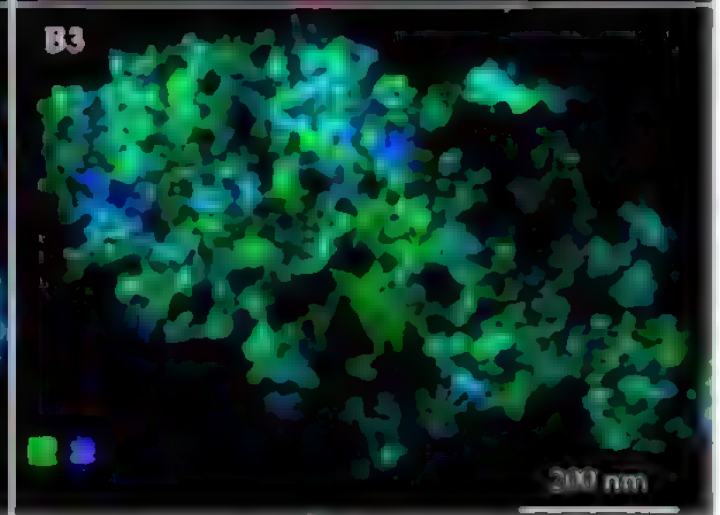
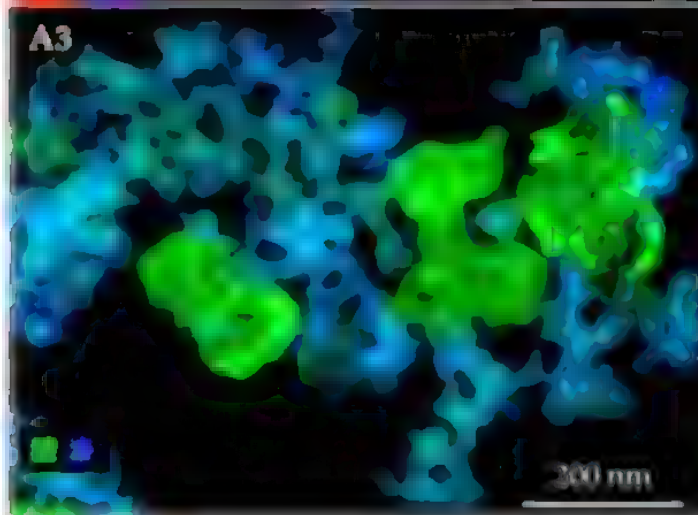
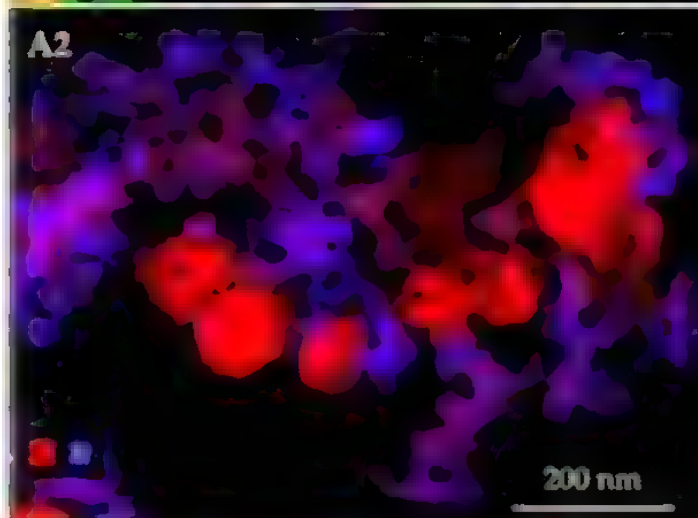
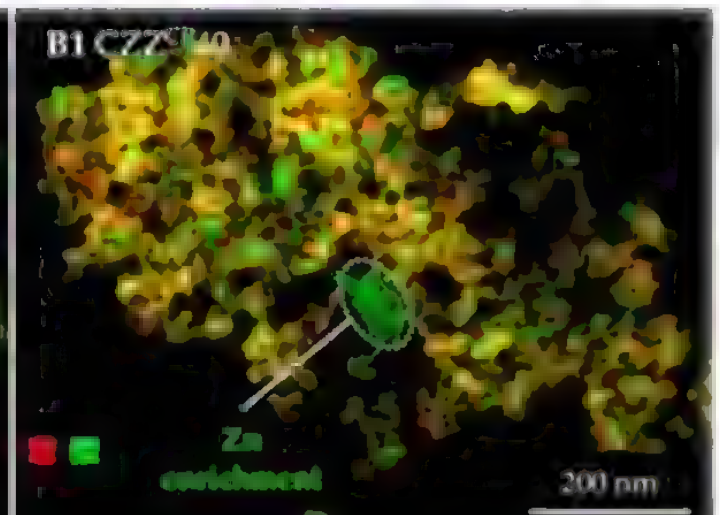
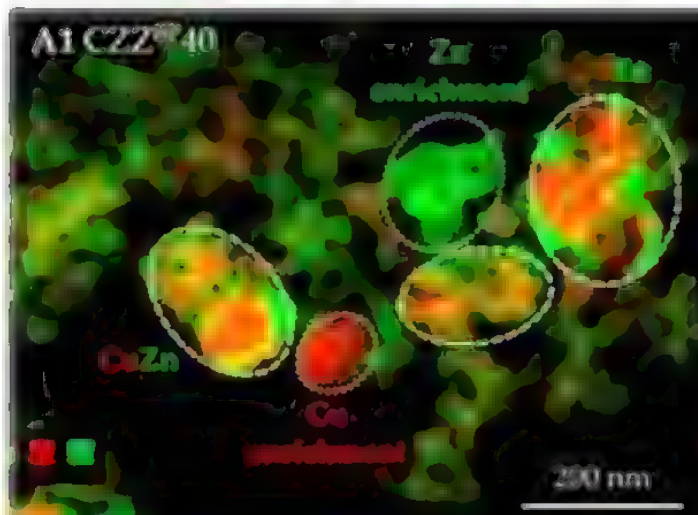


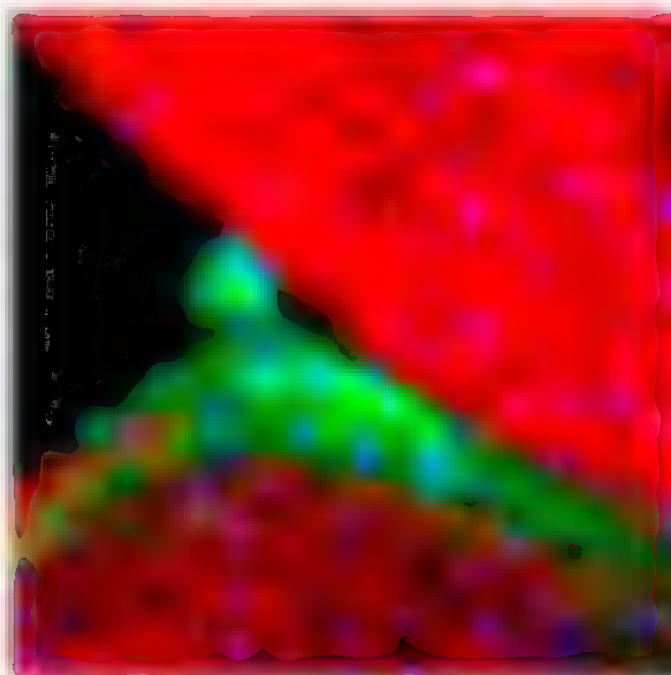












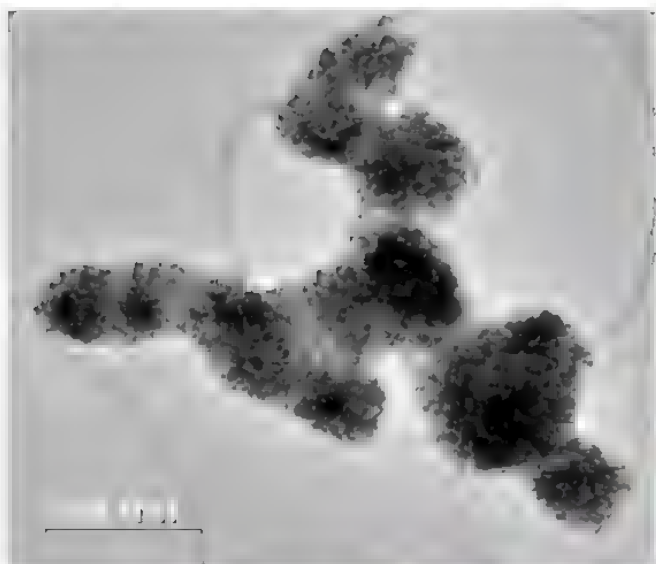
(a)

(b)

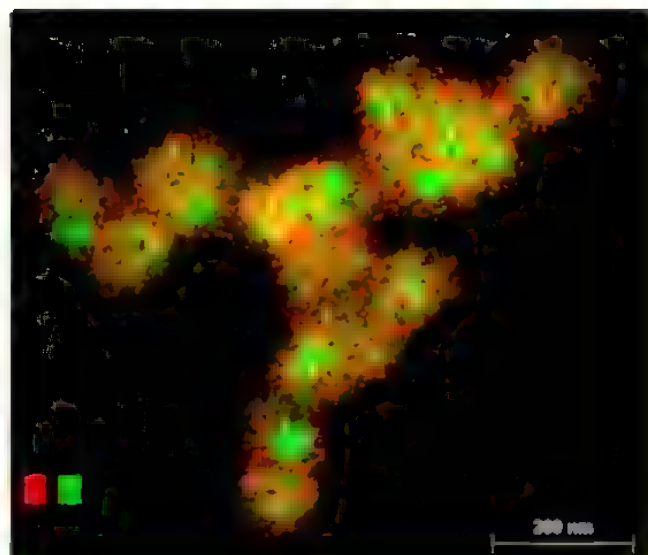


(c)

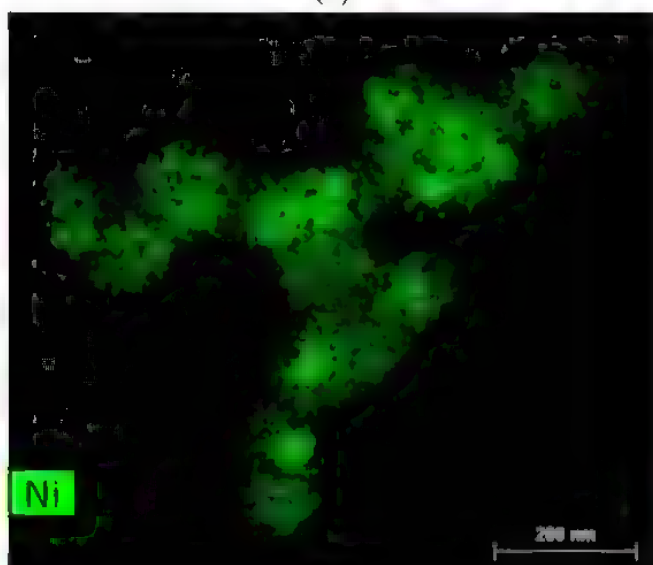
(d)



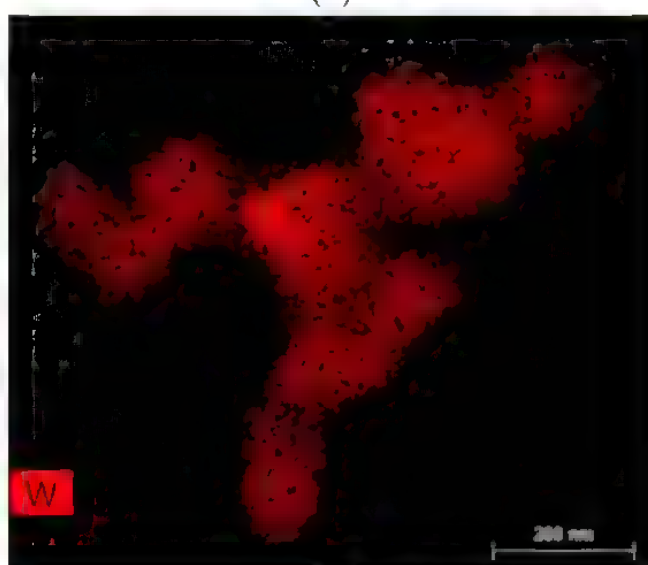
(a)



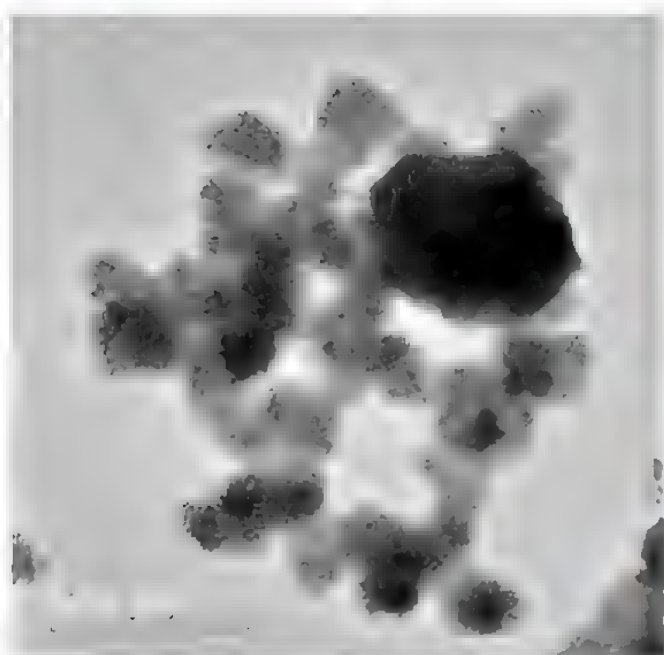
(b)



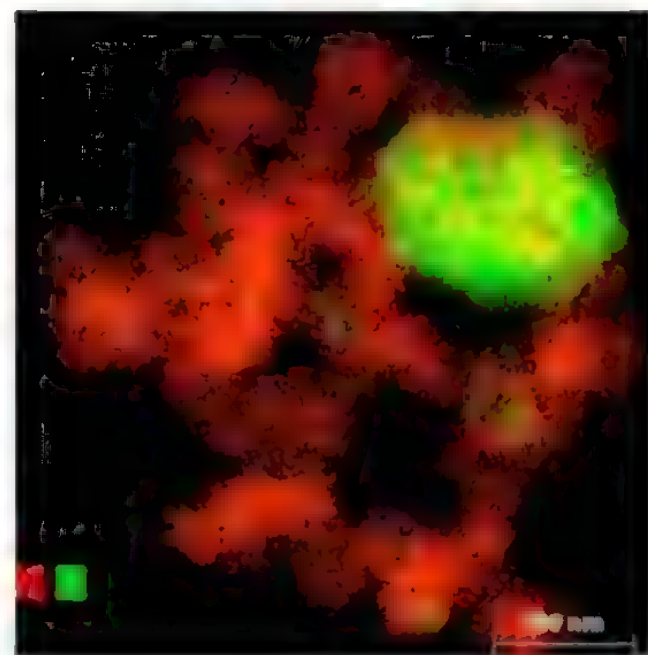
(c)



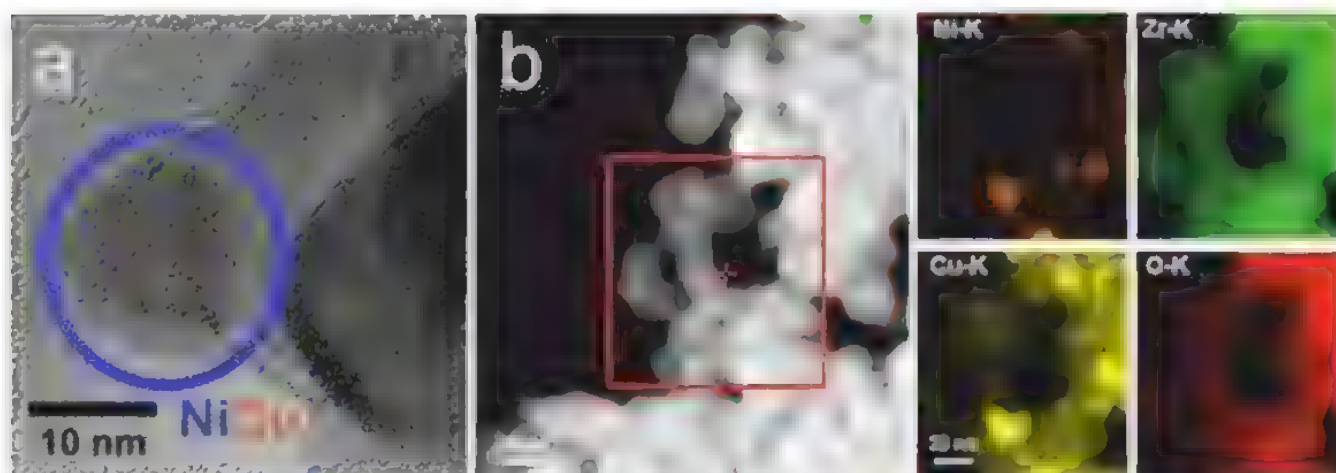
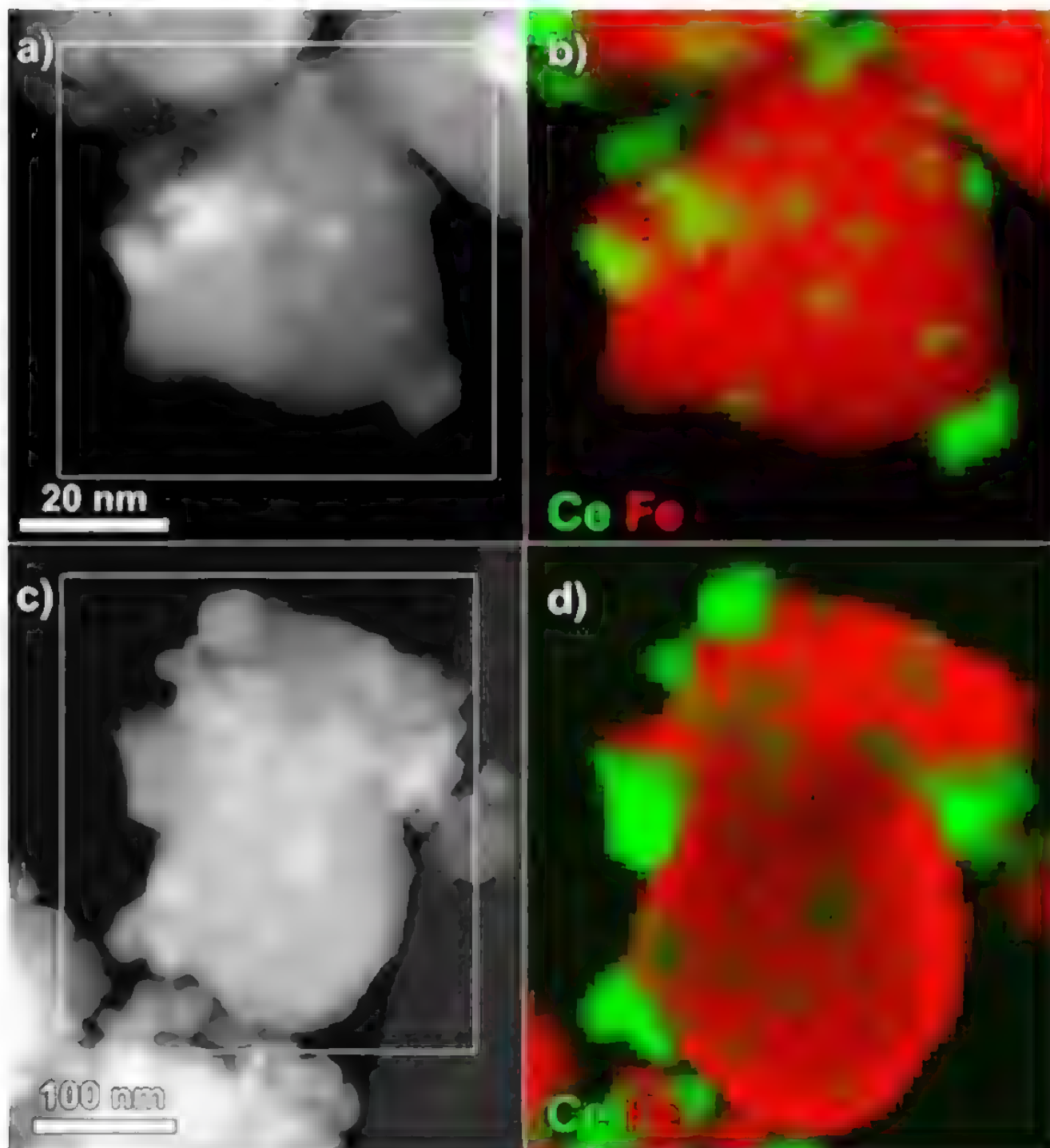
(d)

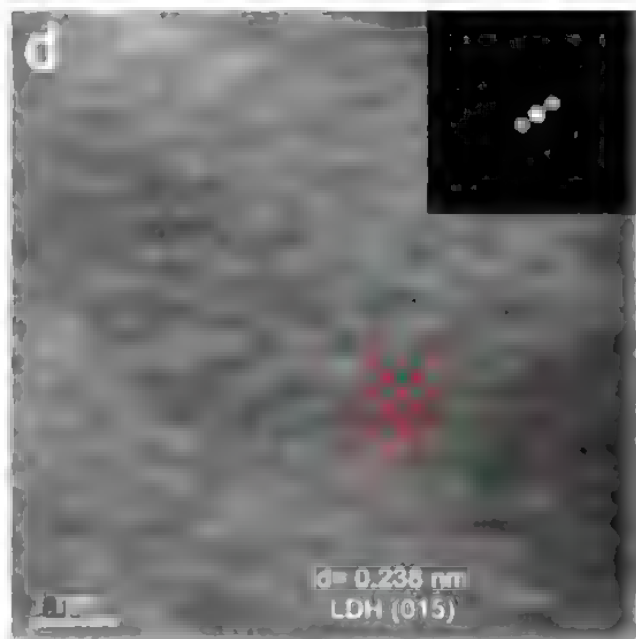
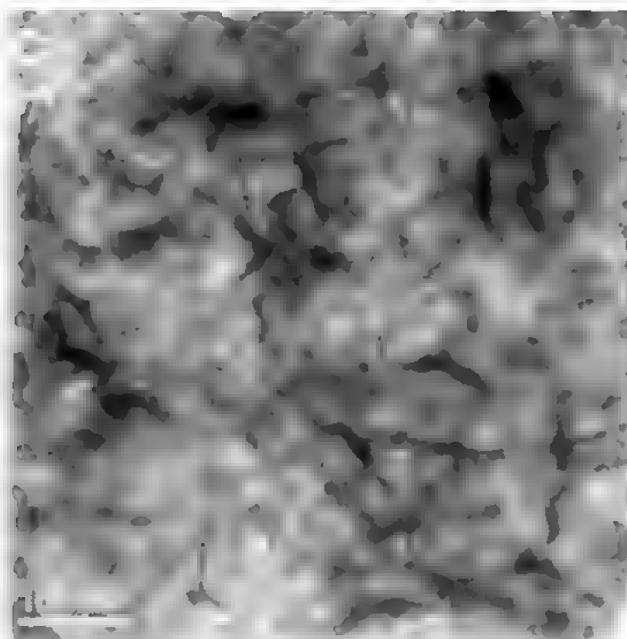
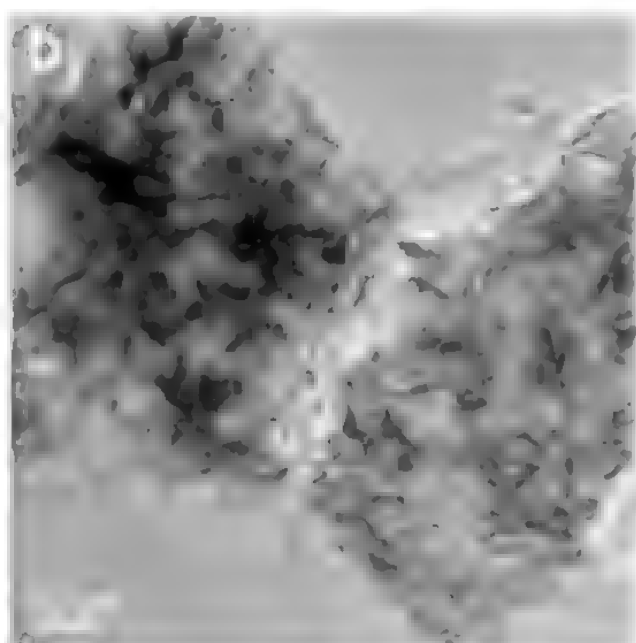
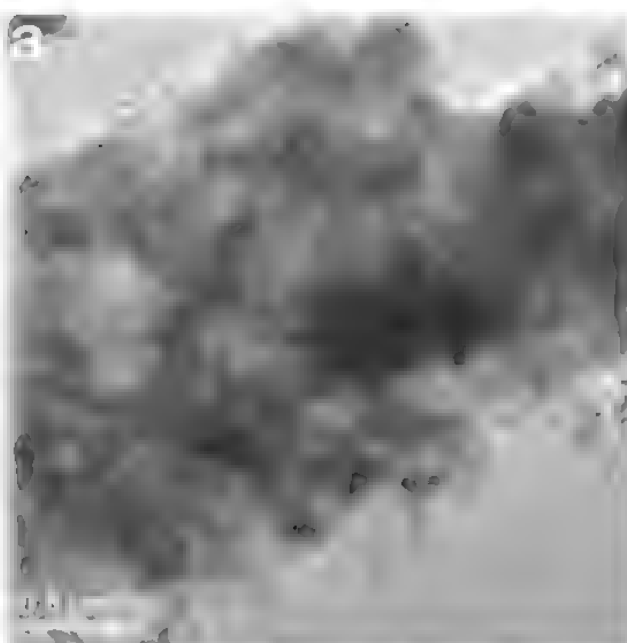
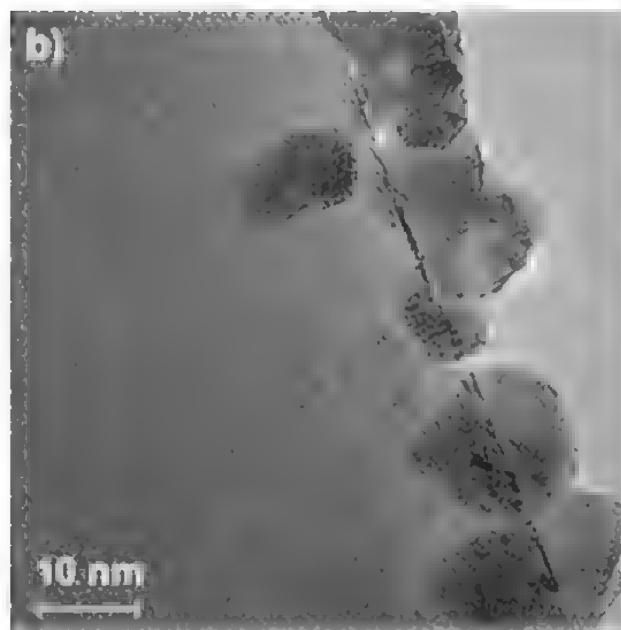
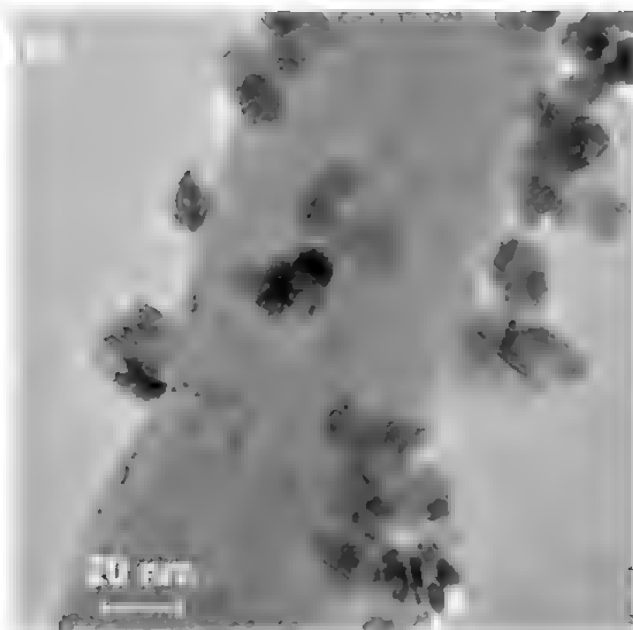


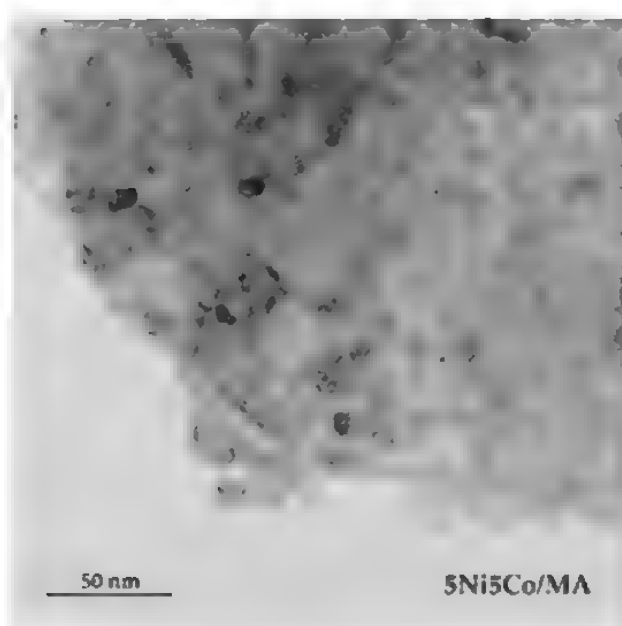
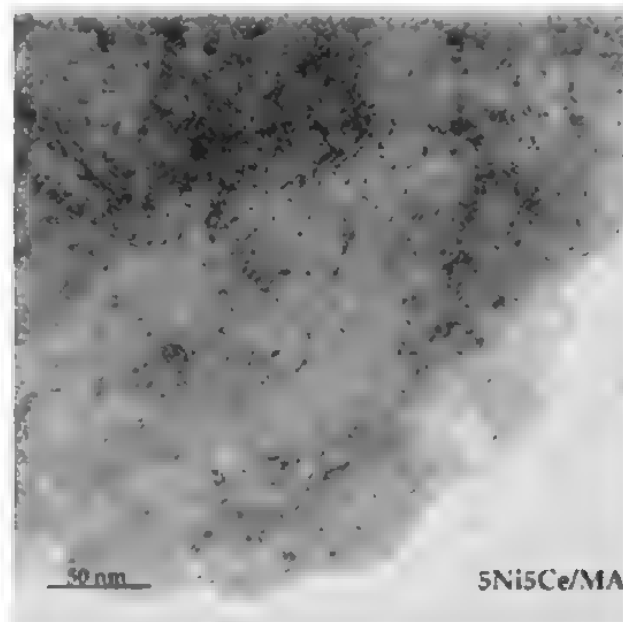
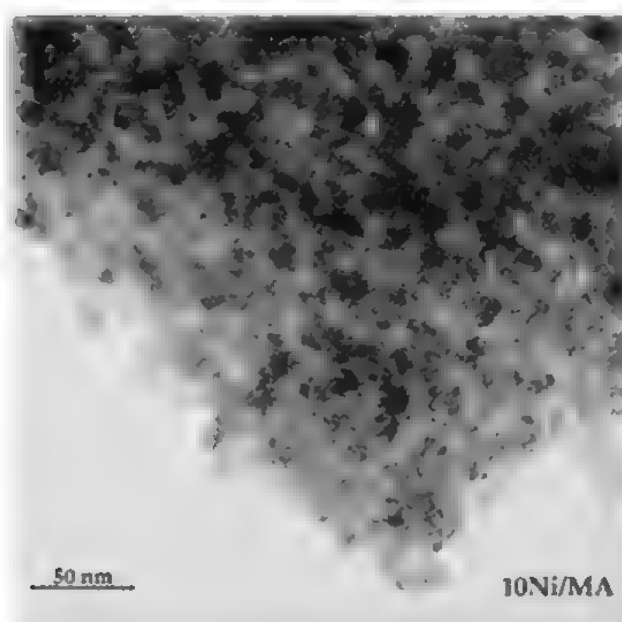
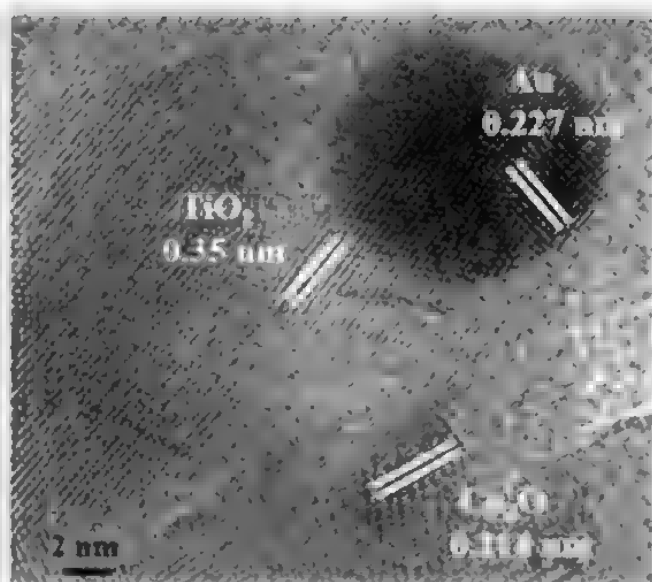
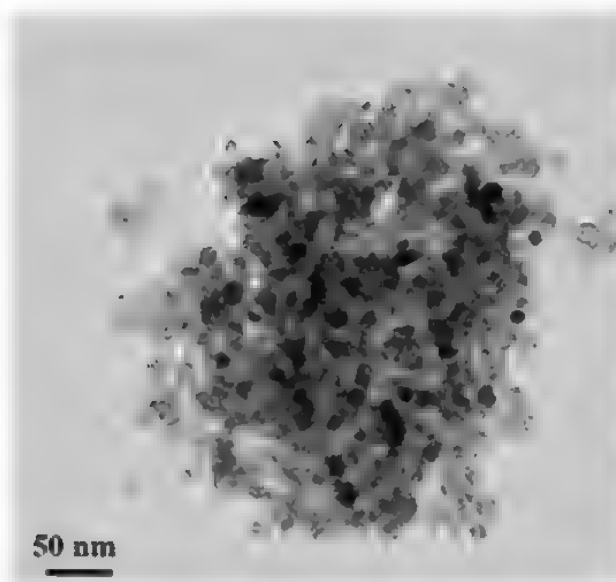
(a)

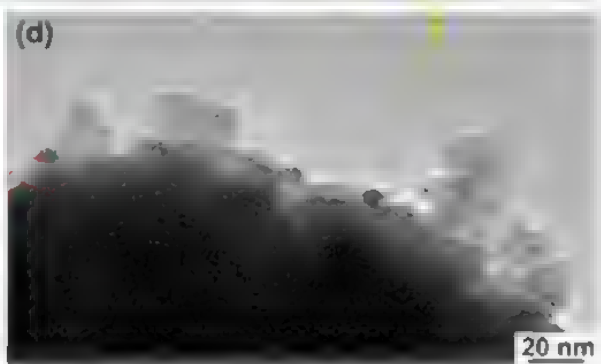
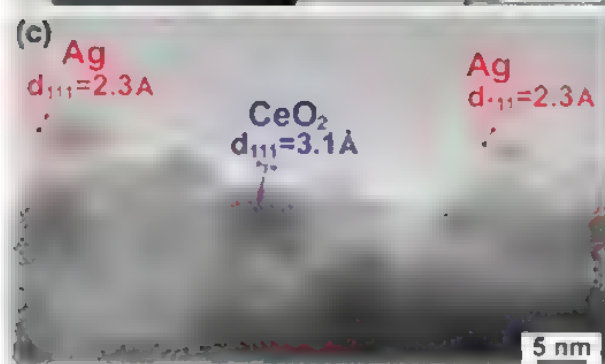
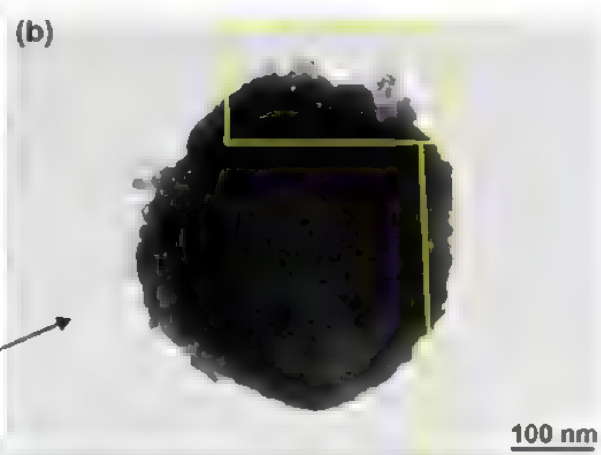
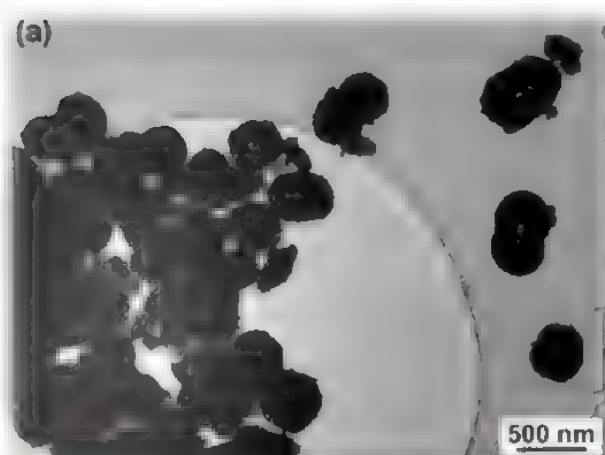
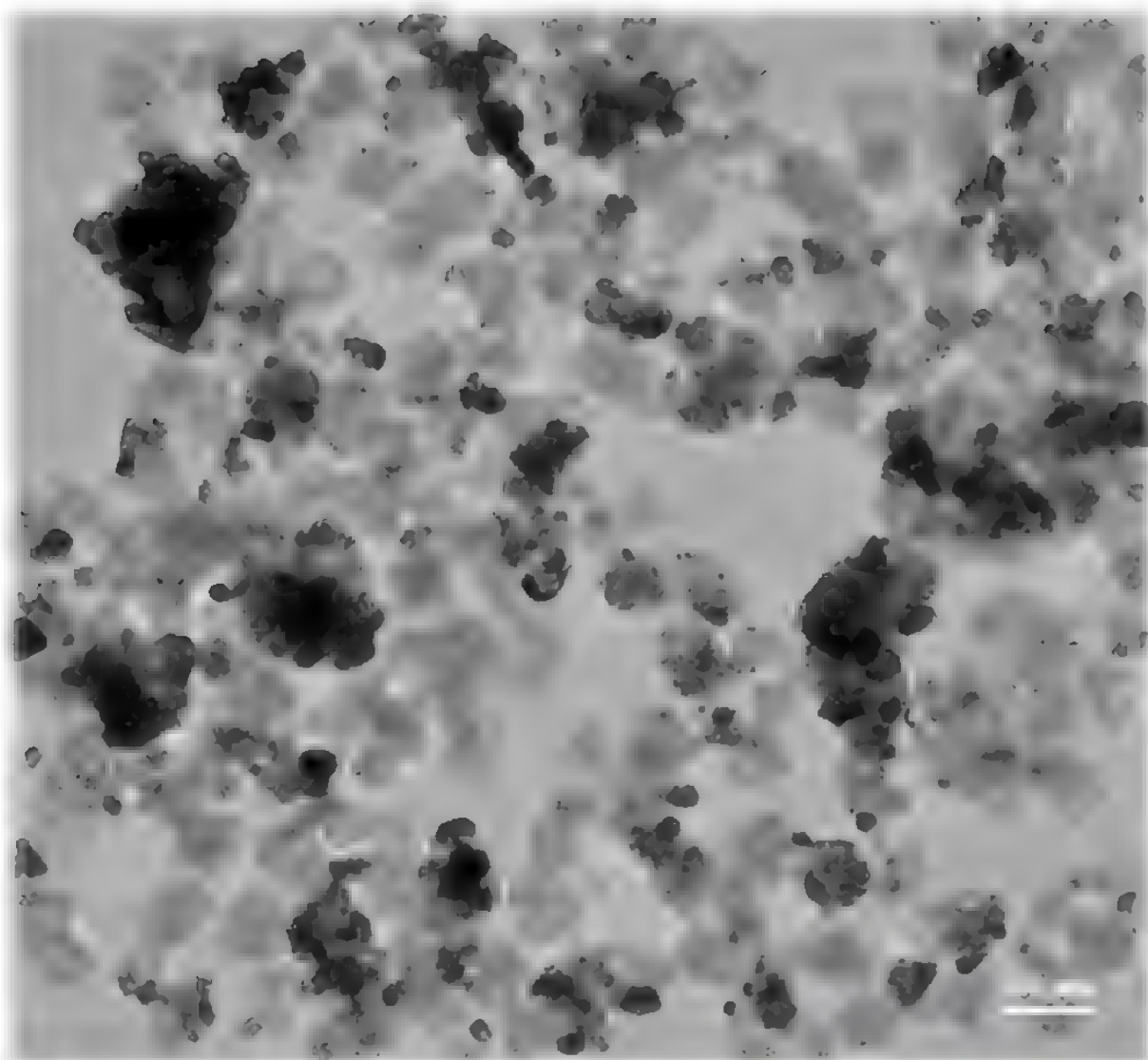


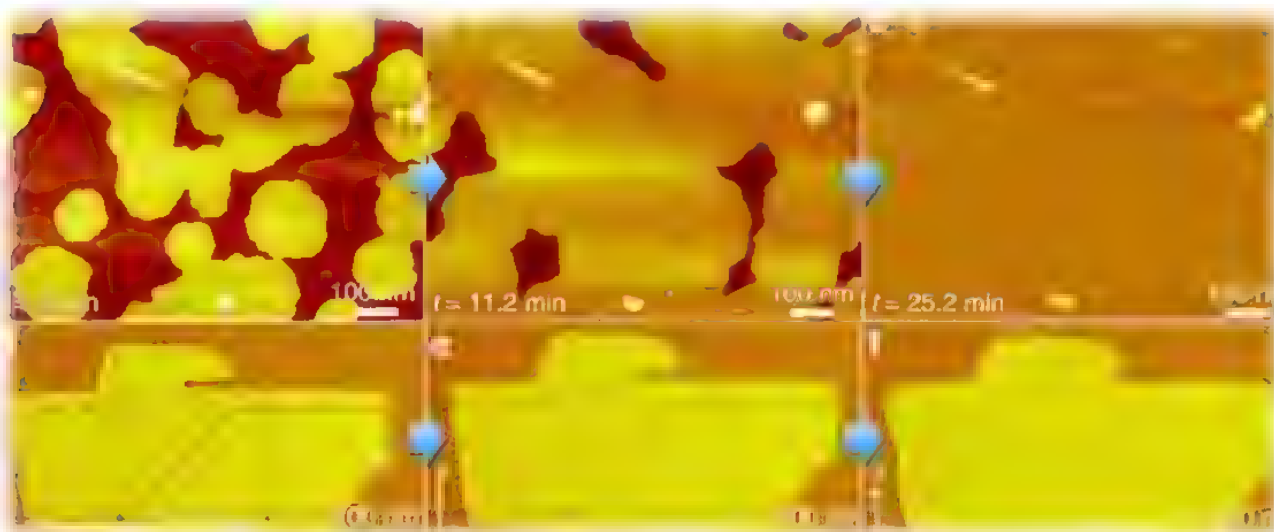
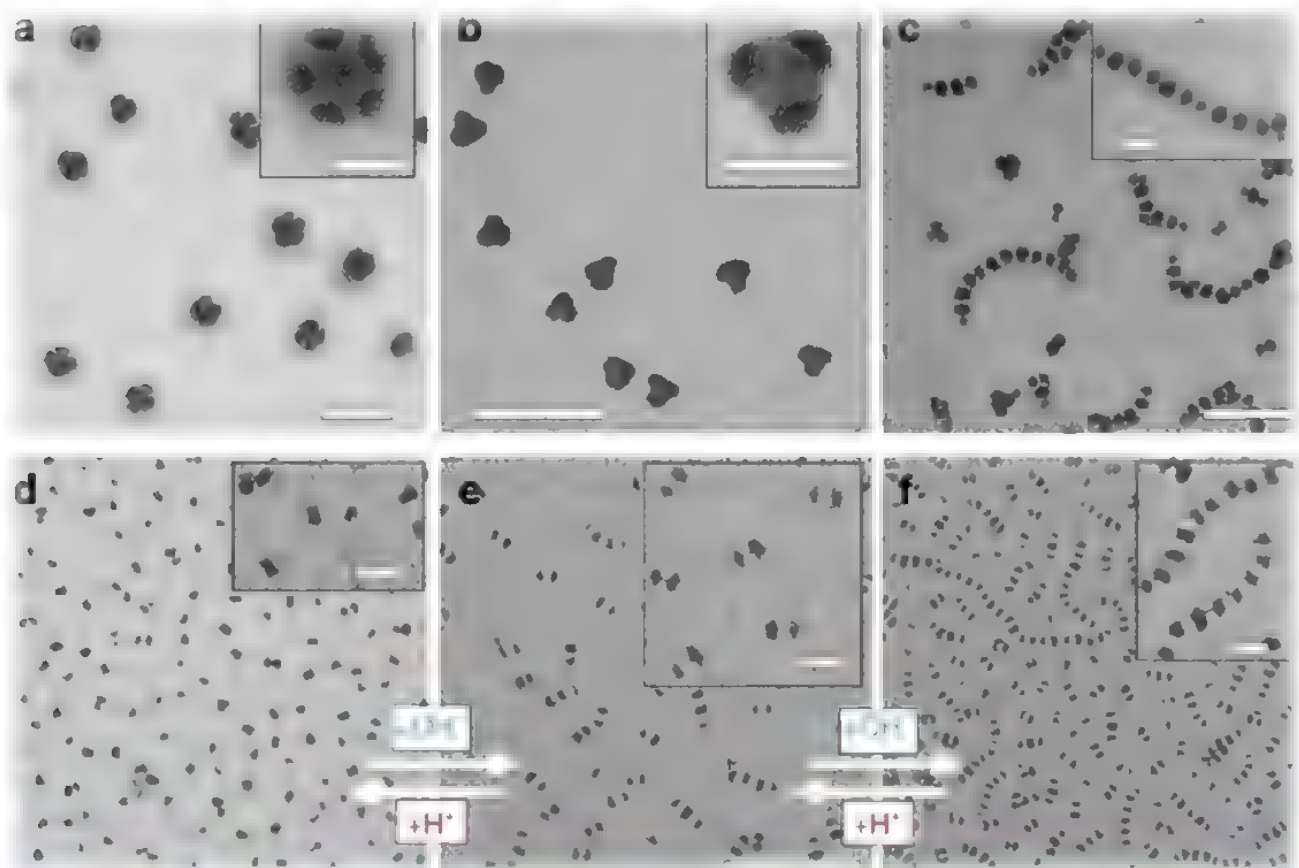
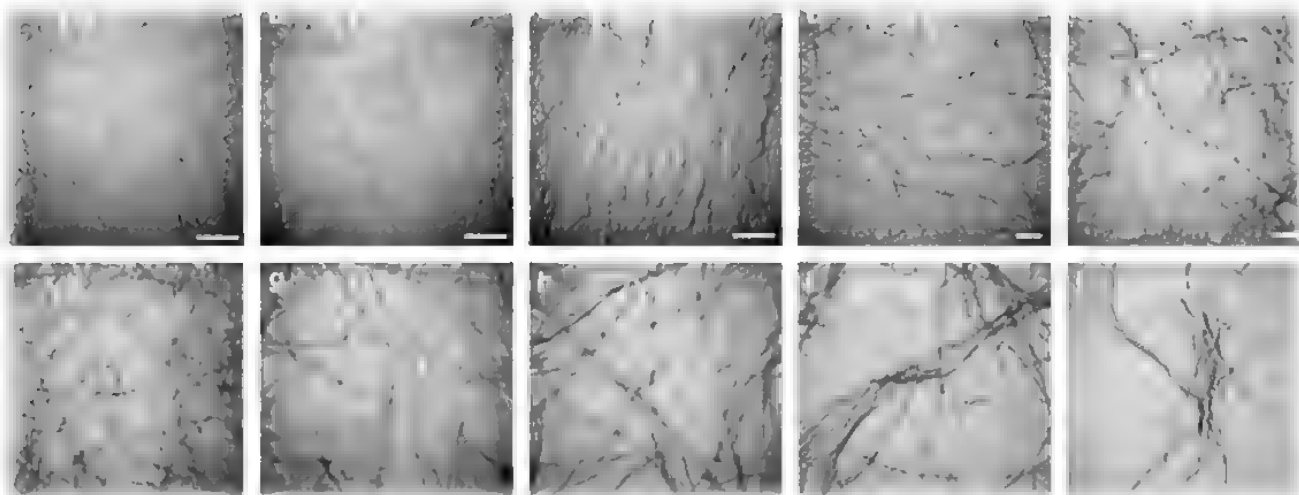
(b)

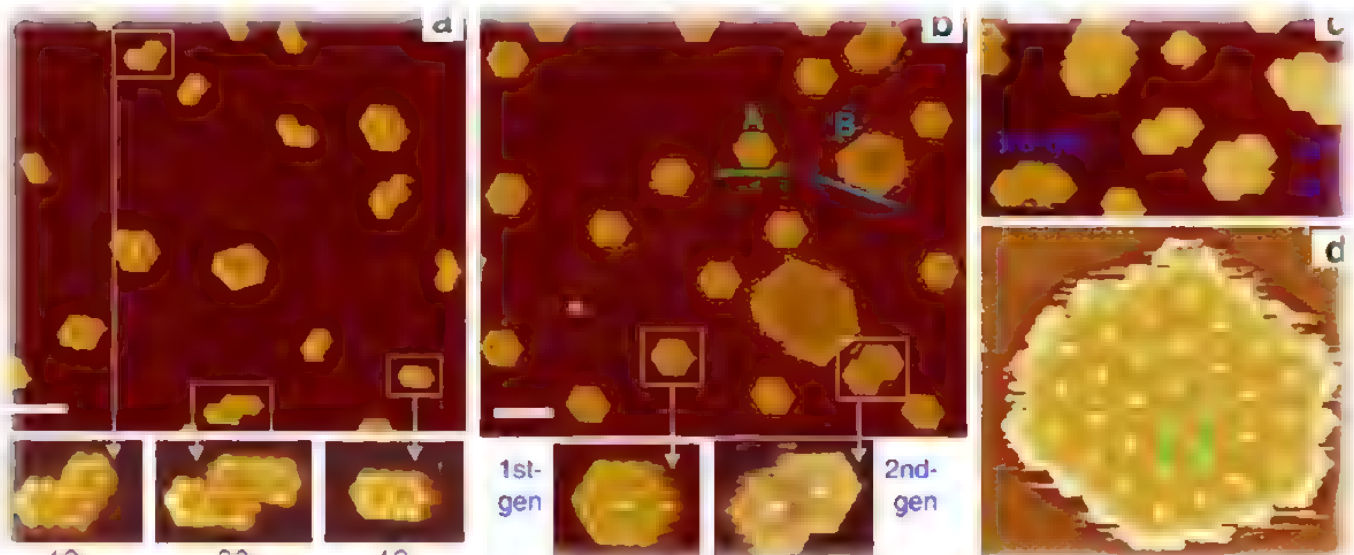
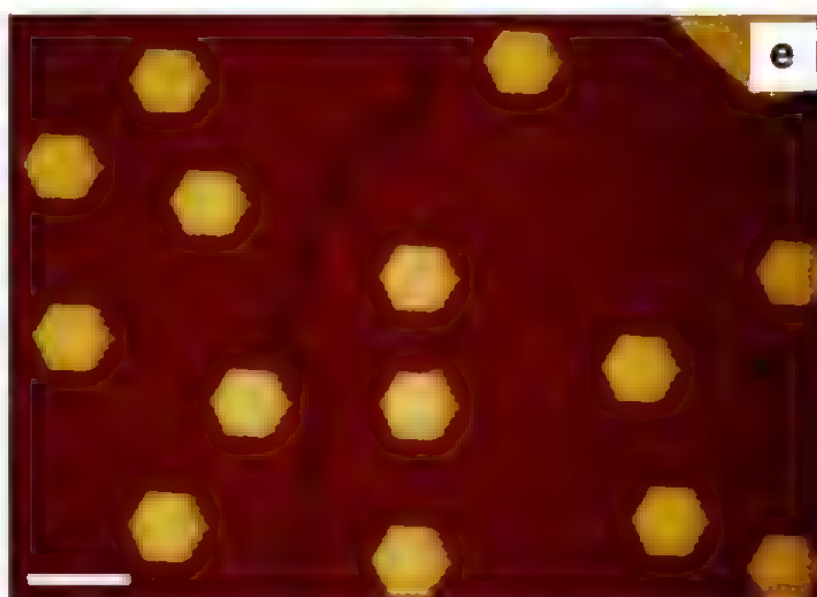
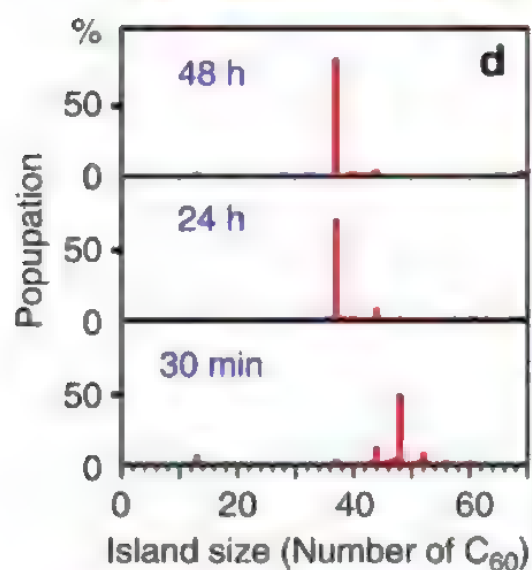
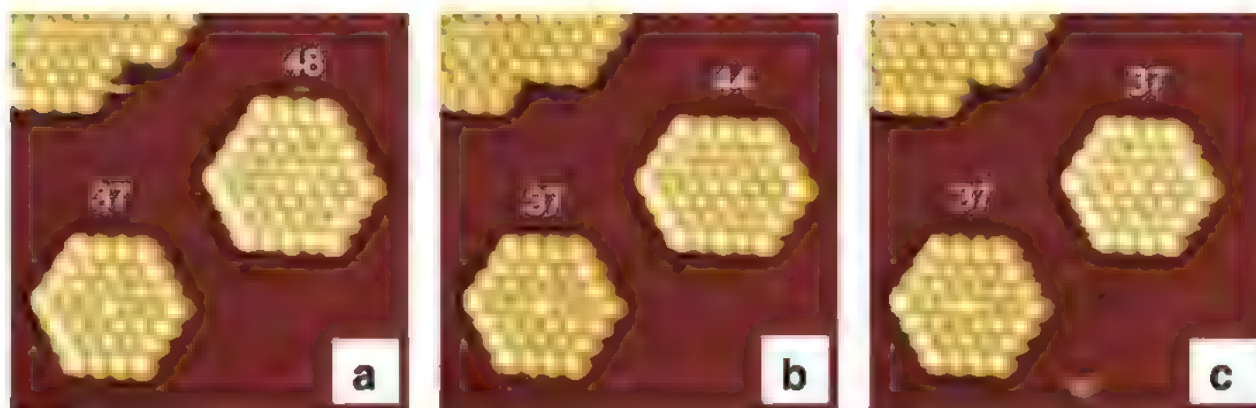
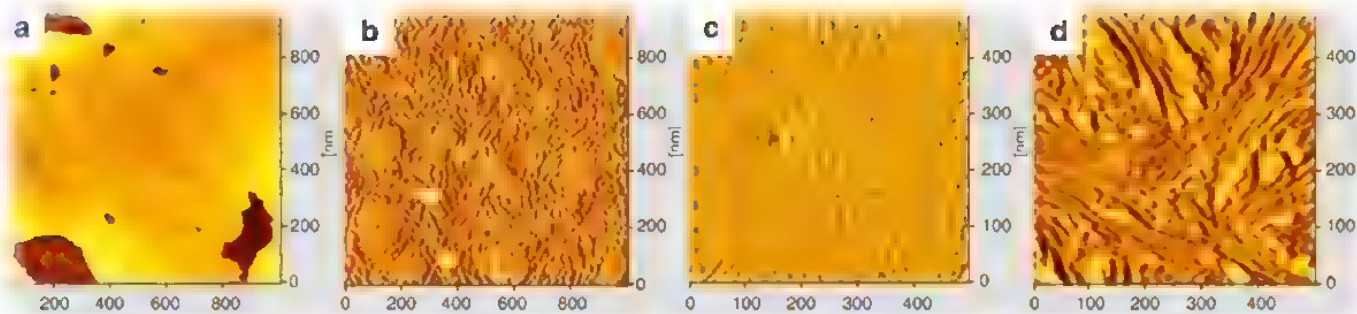


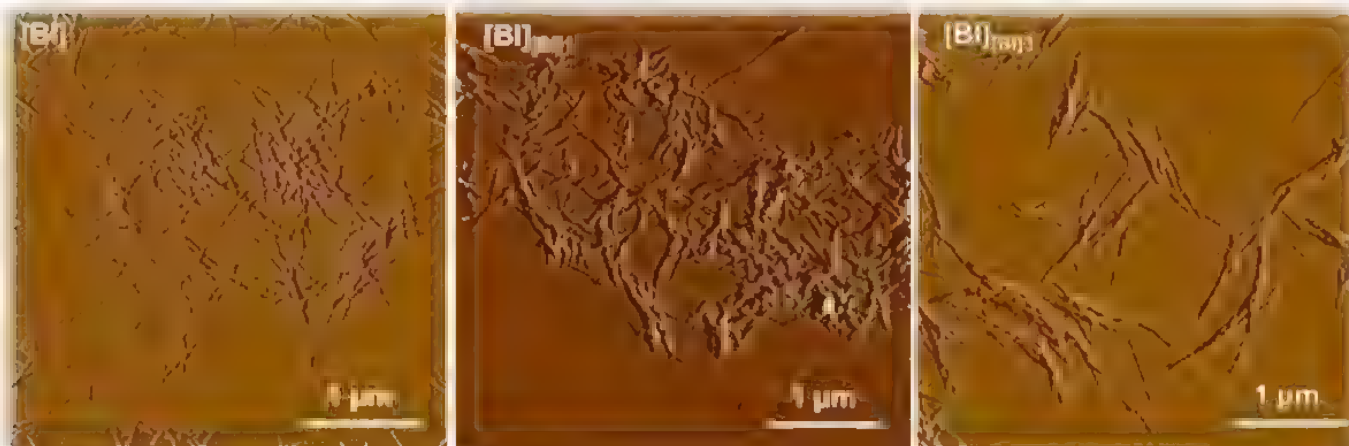
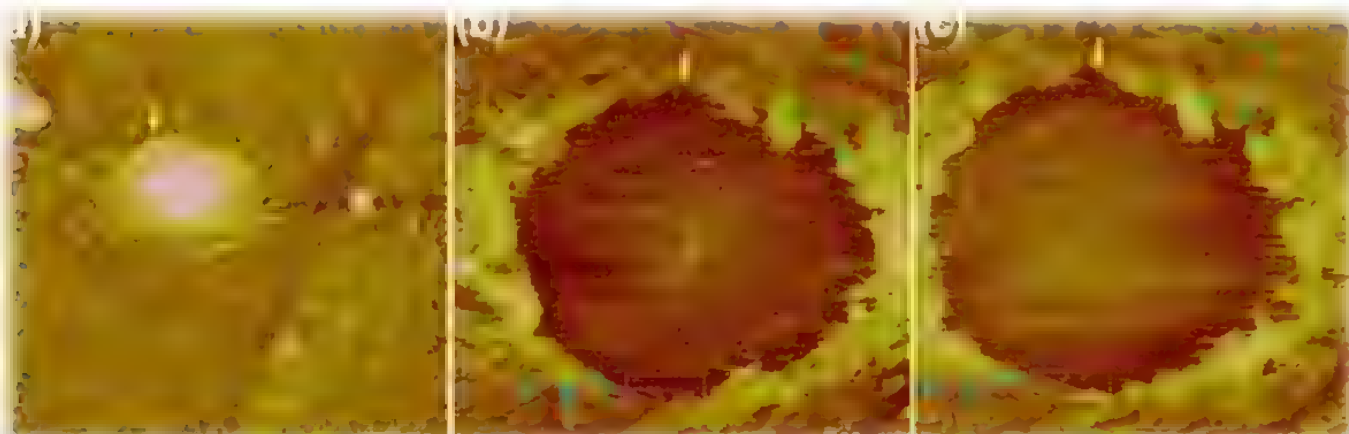
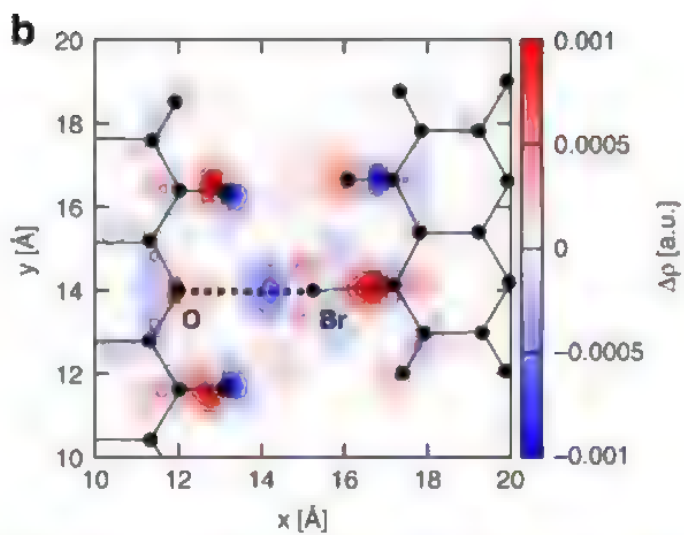
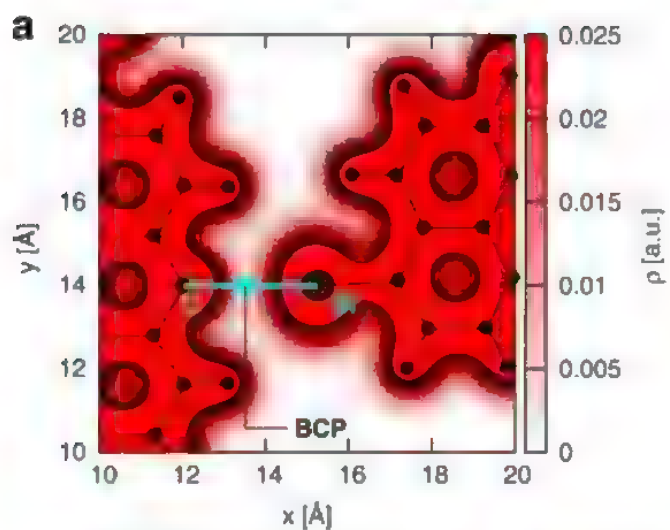


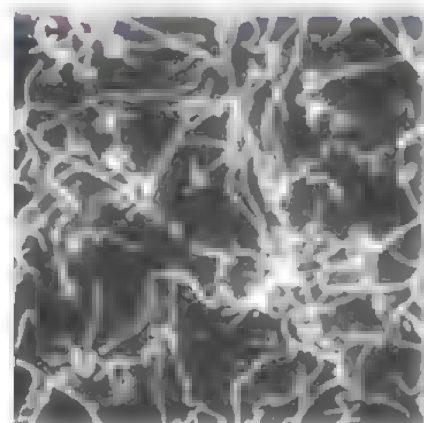
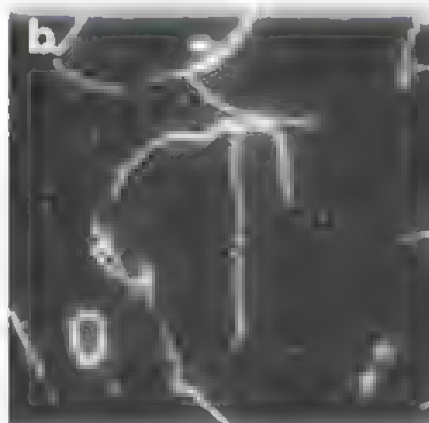
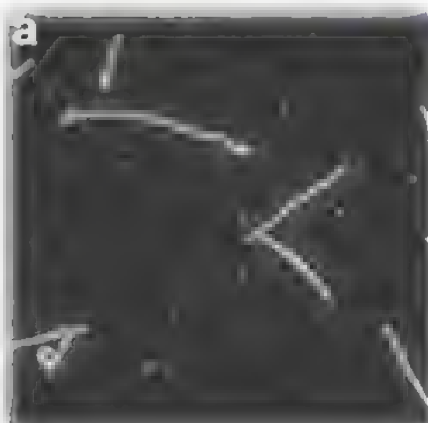
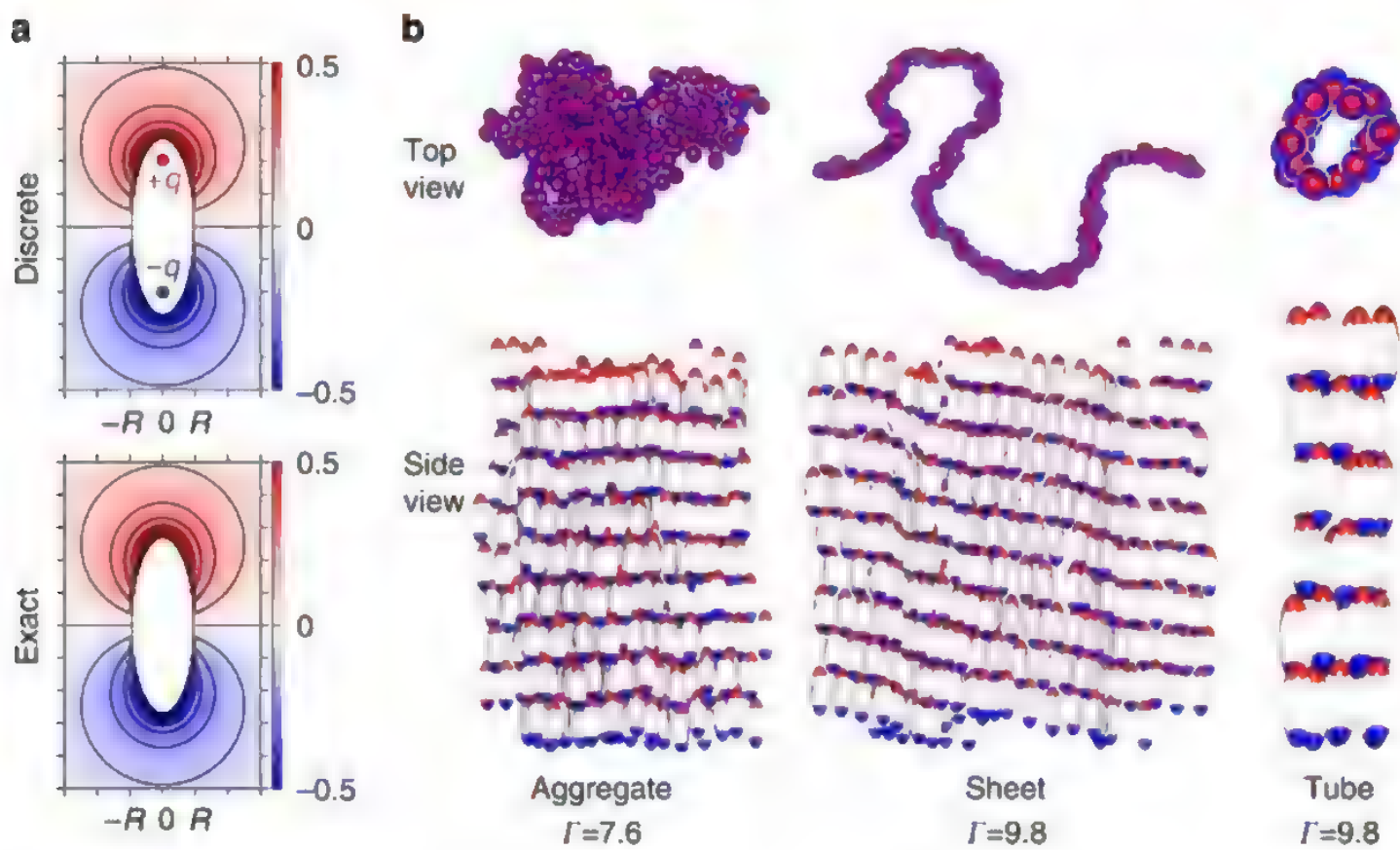


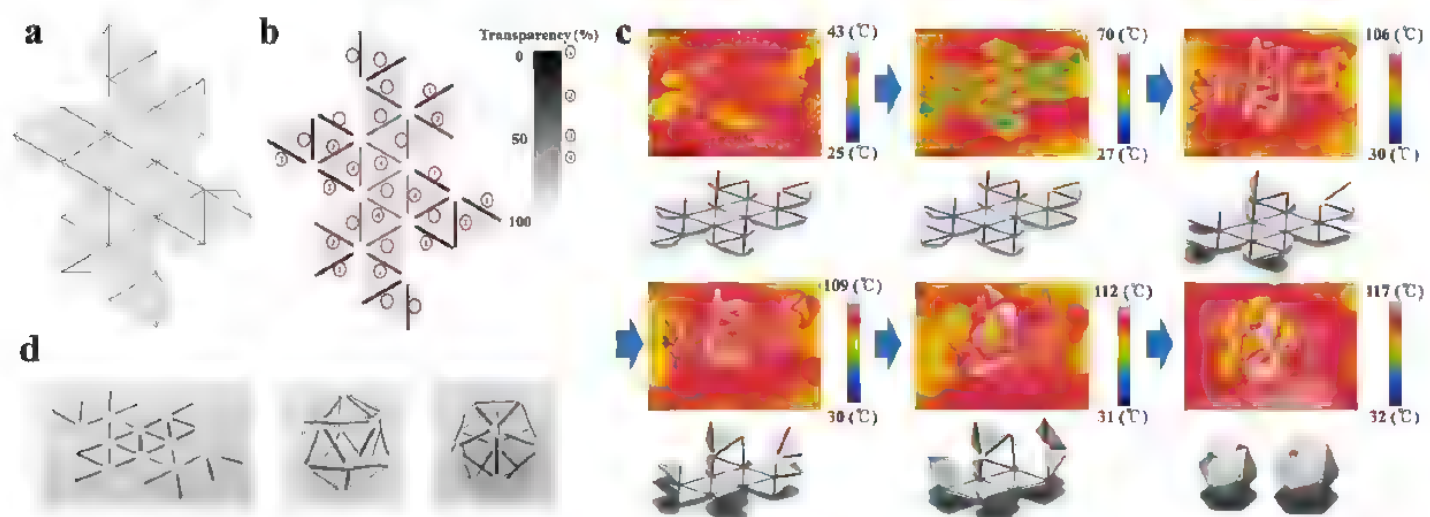
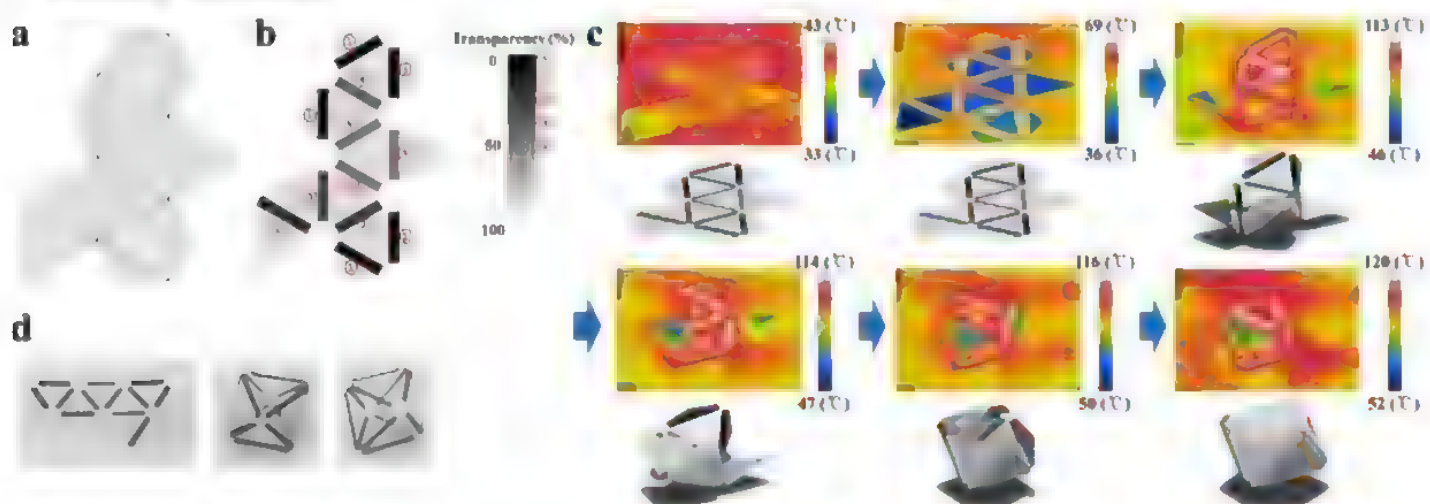
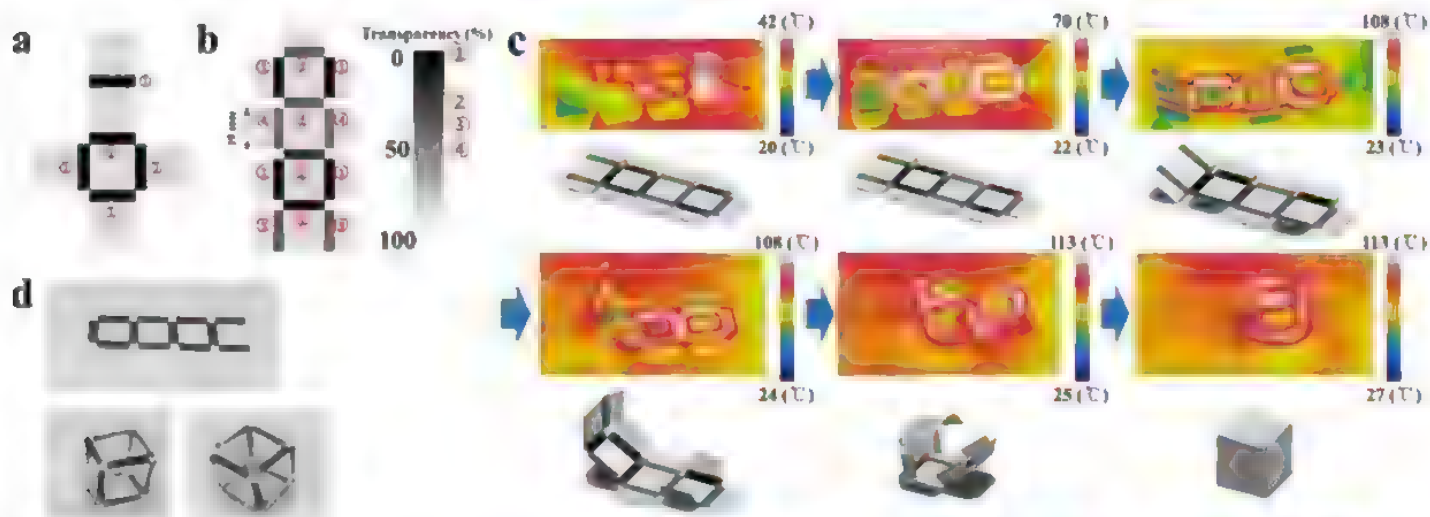
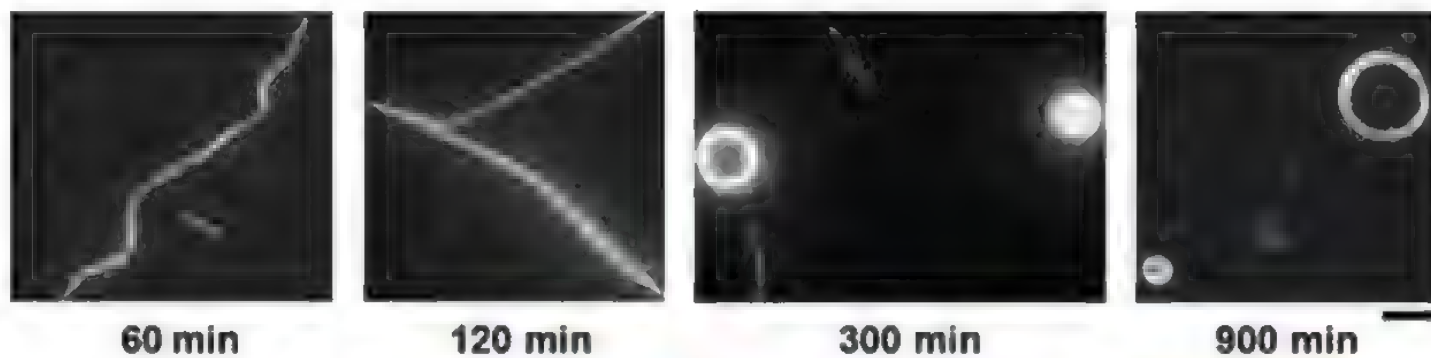


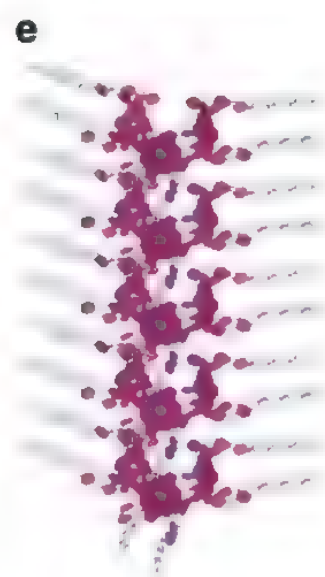
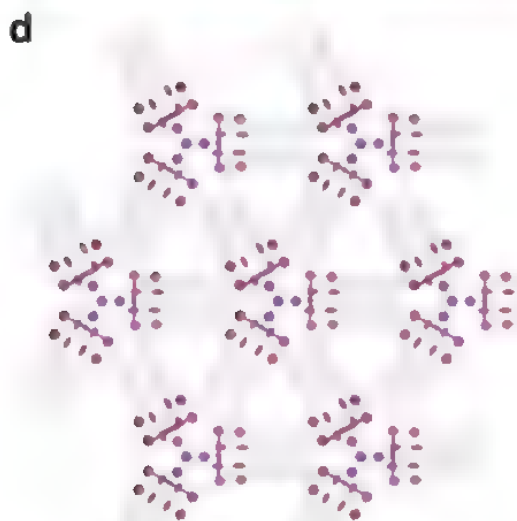
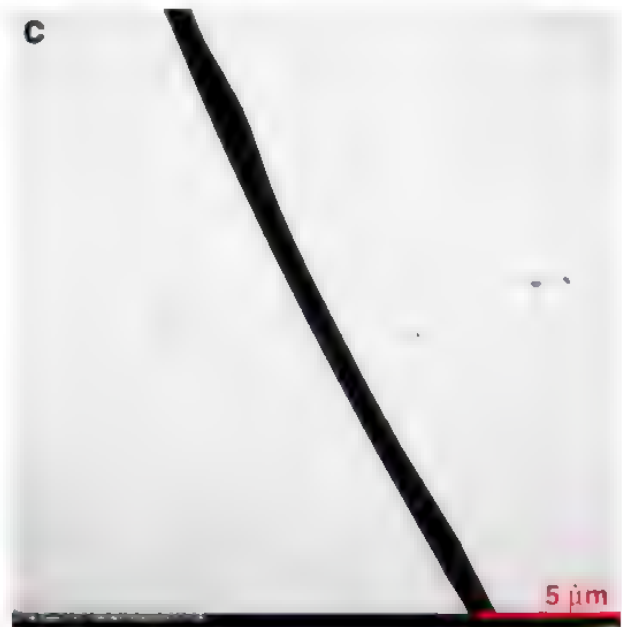
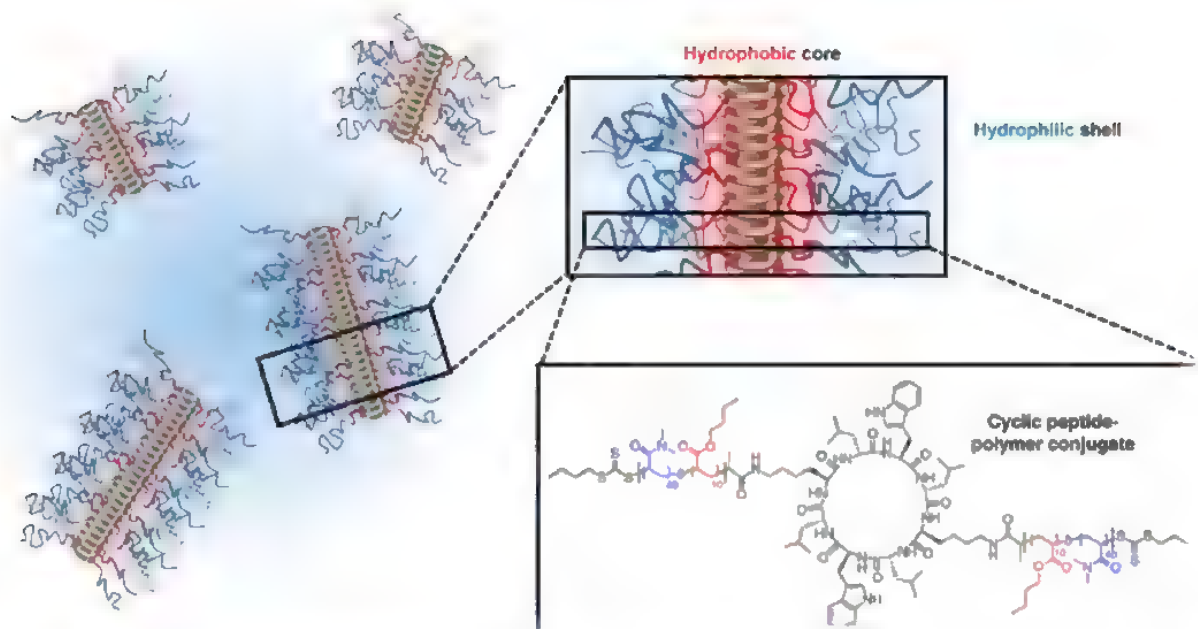


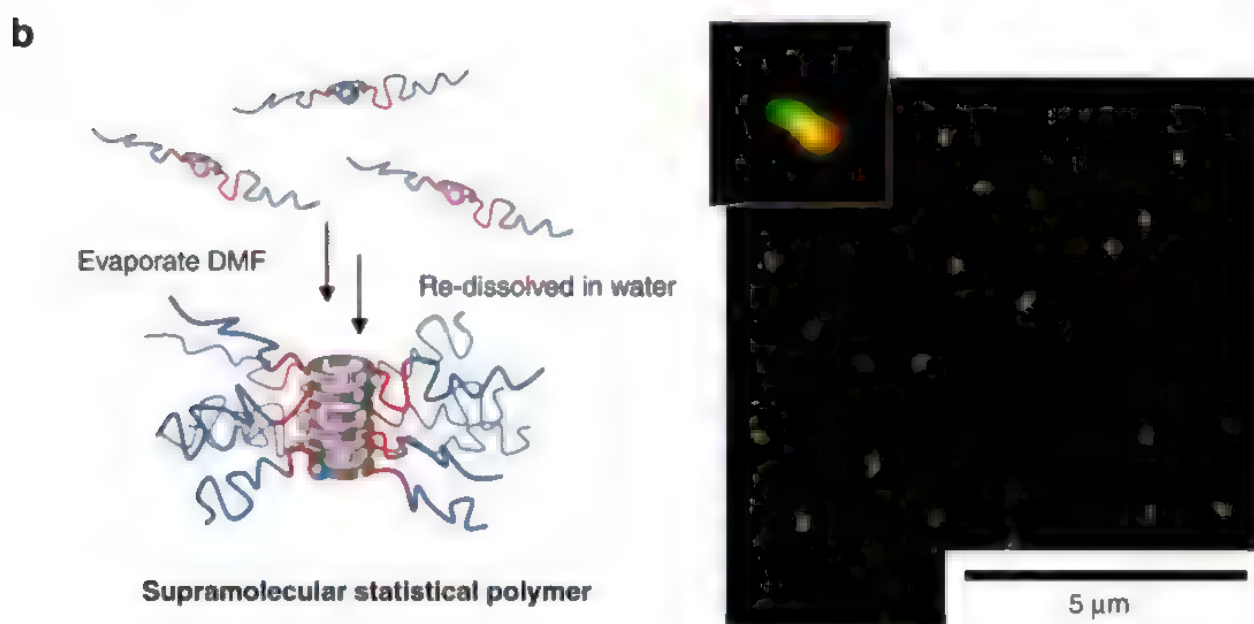
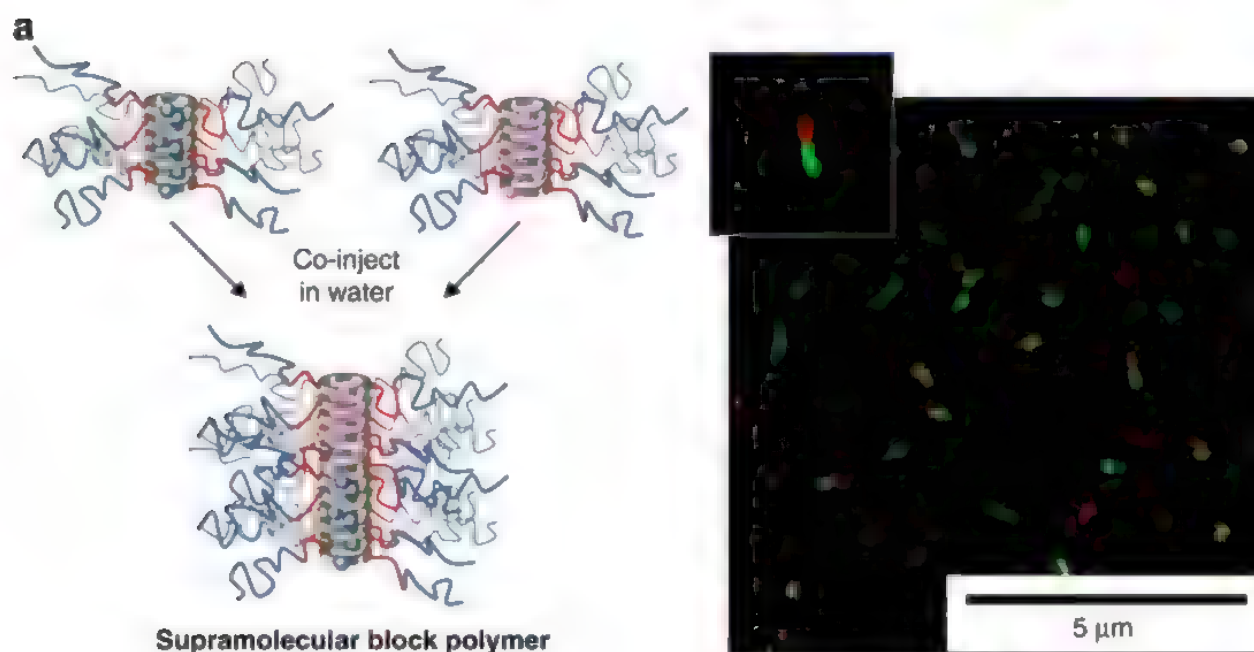
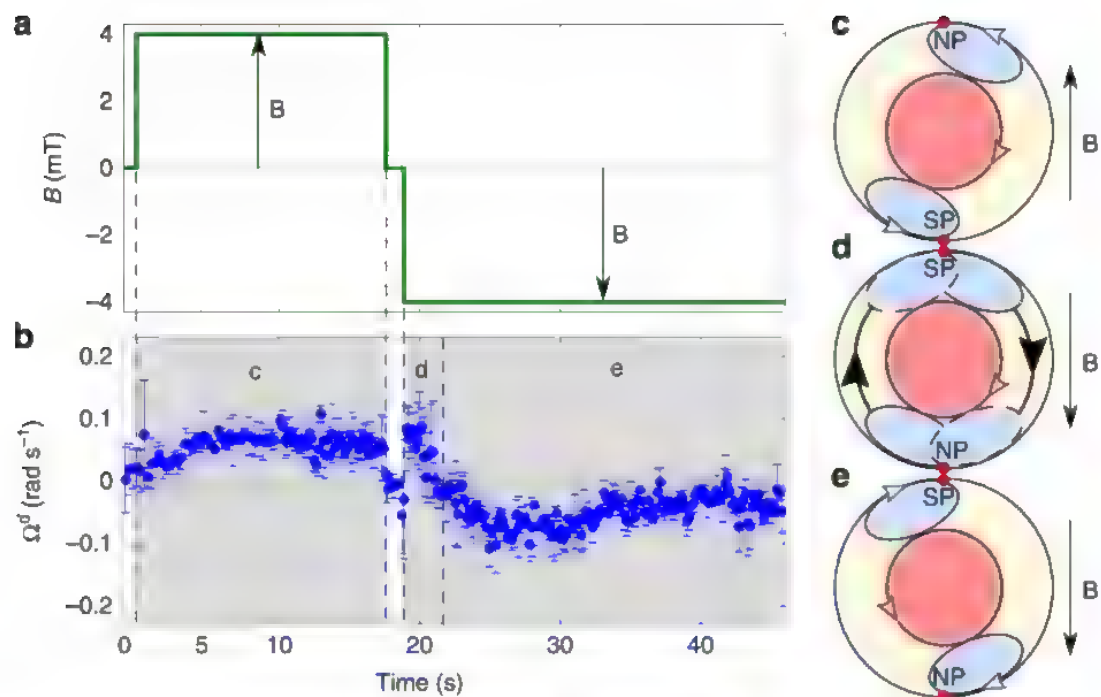


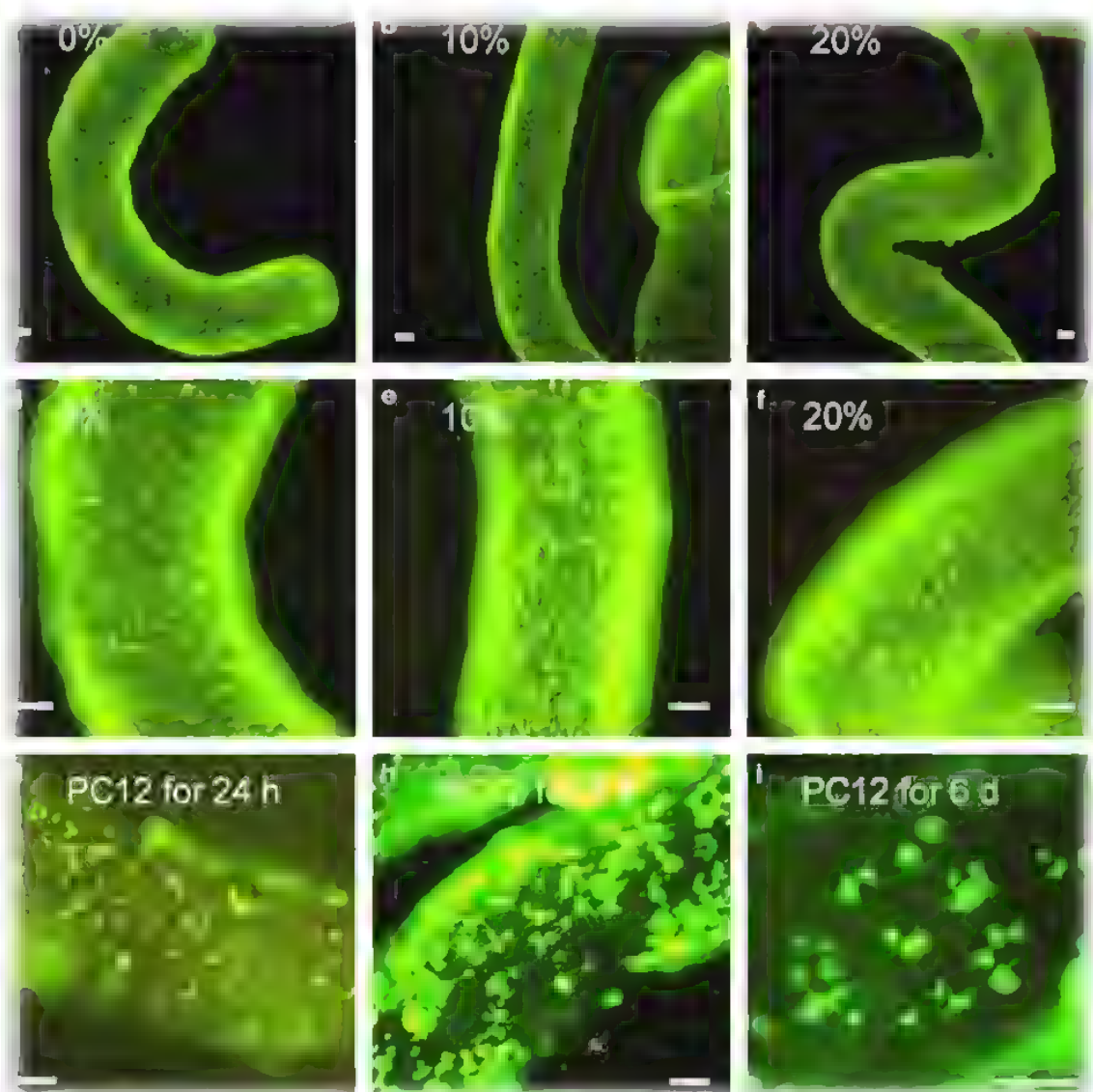
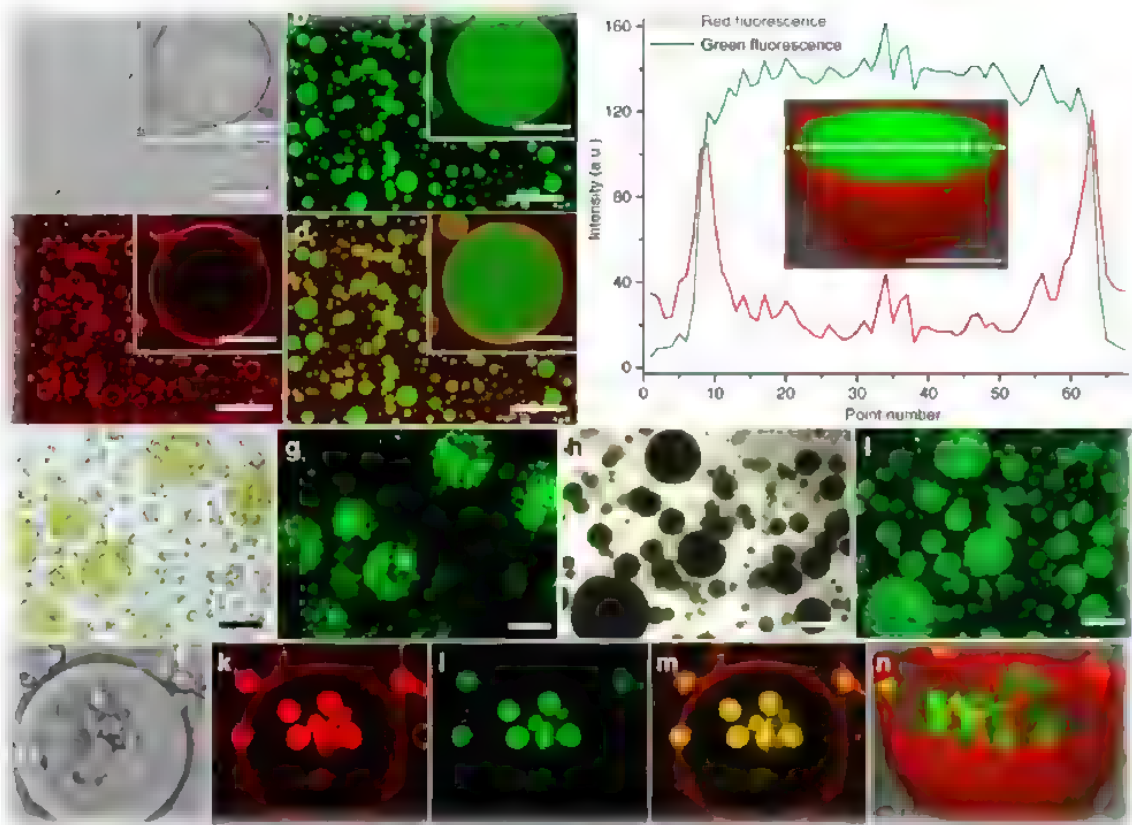


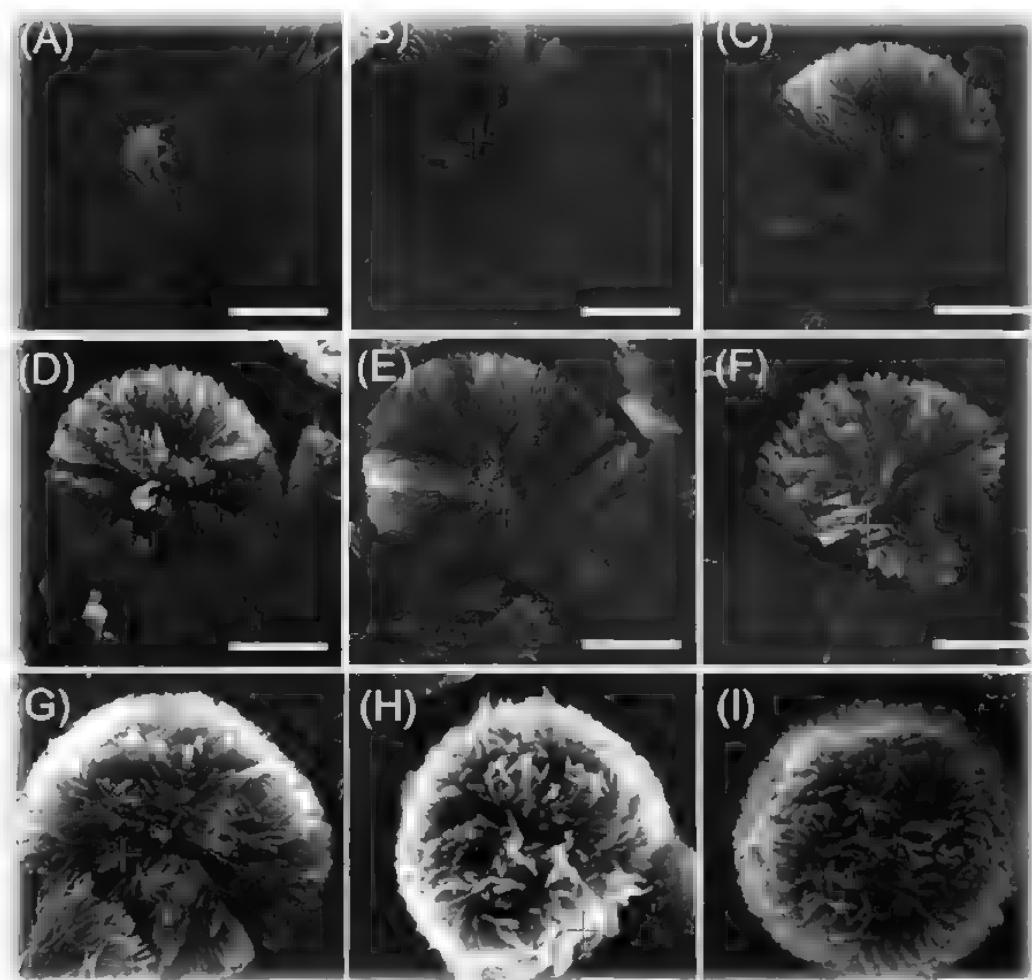
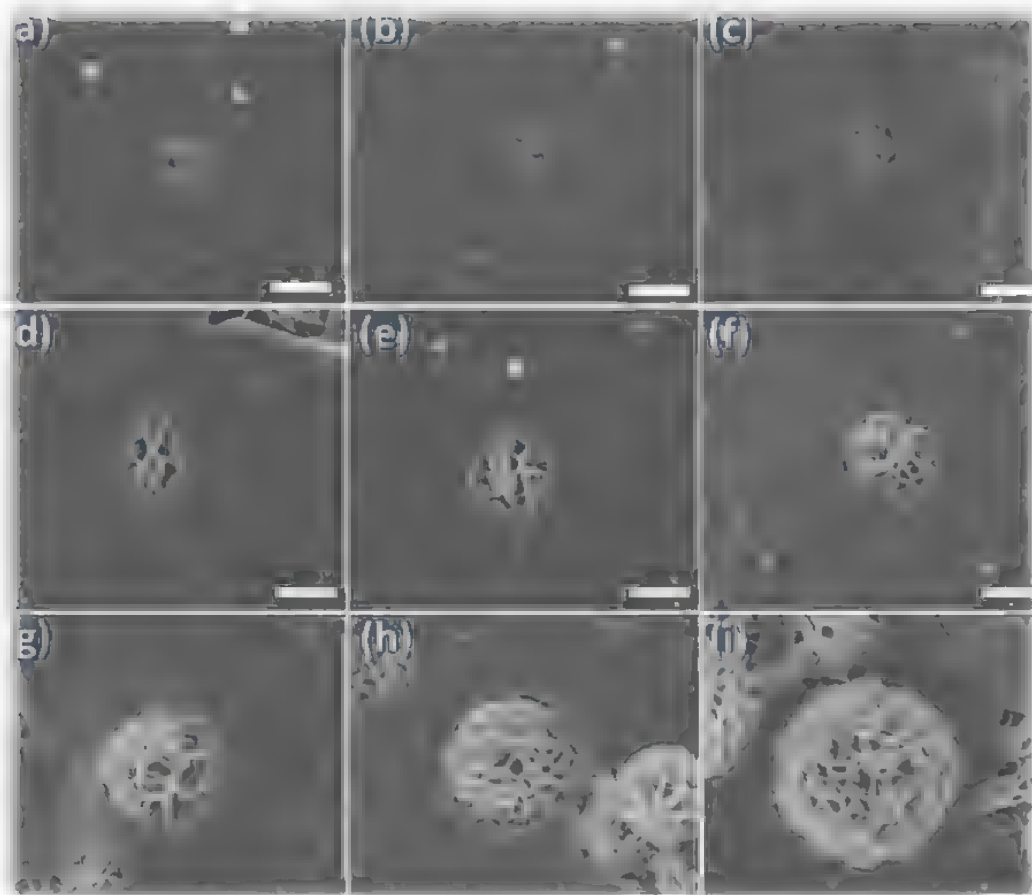


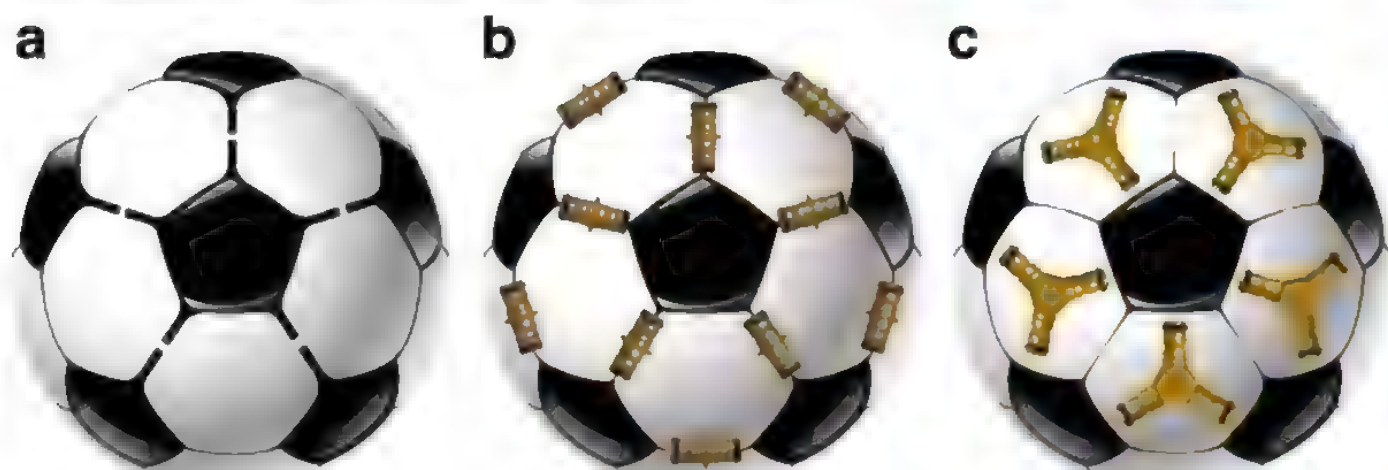
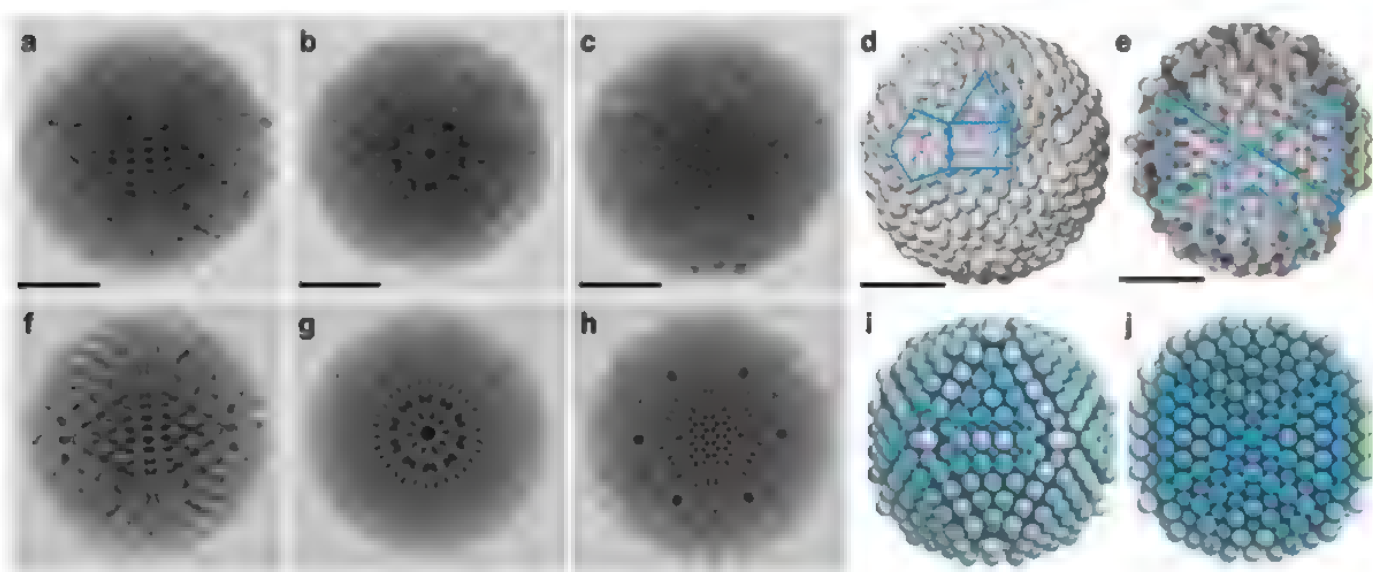
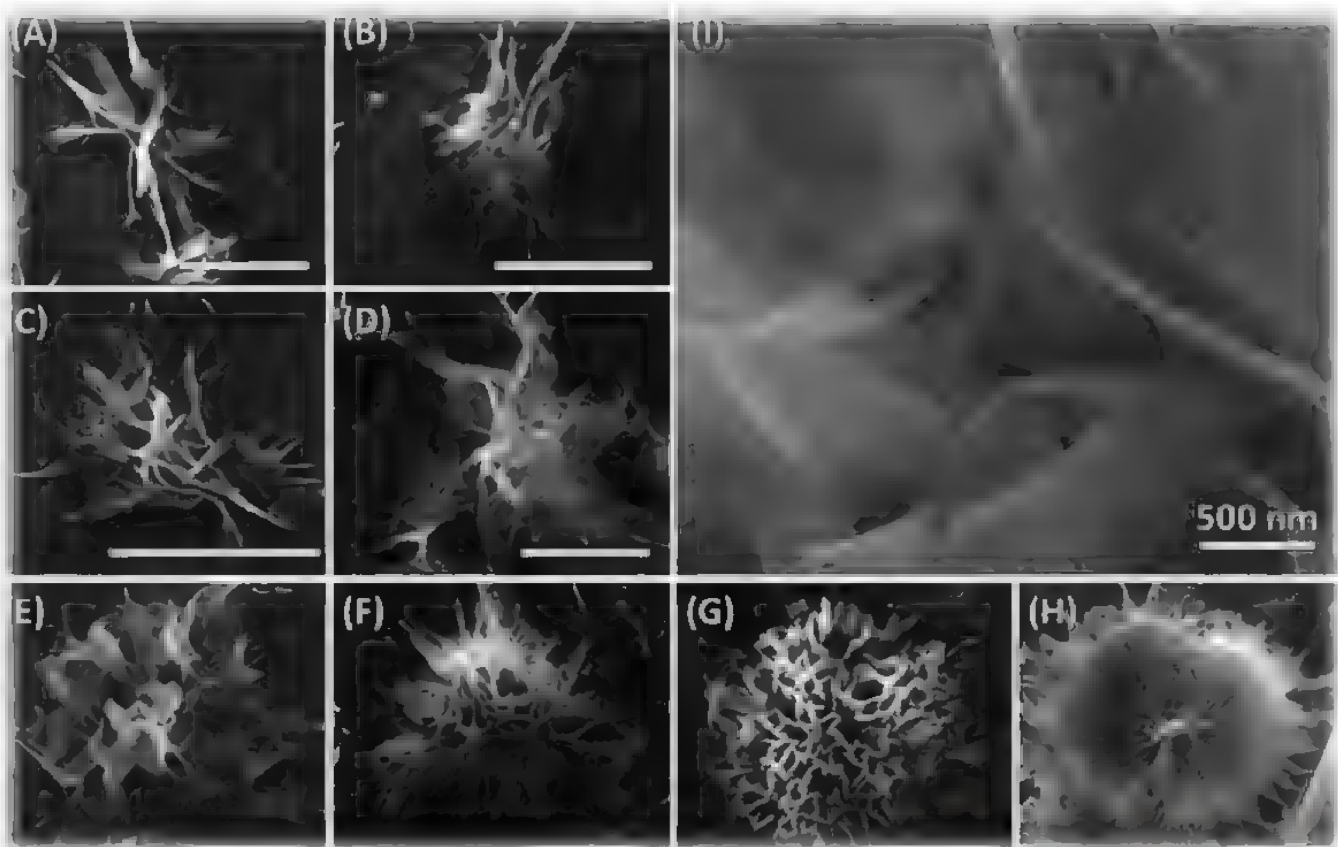


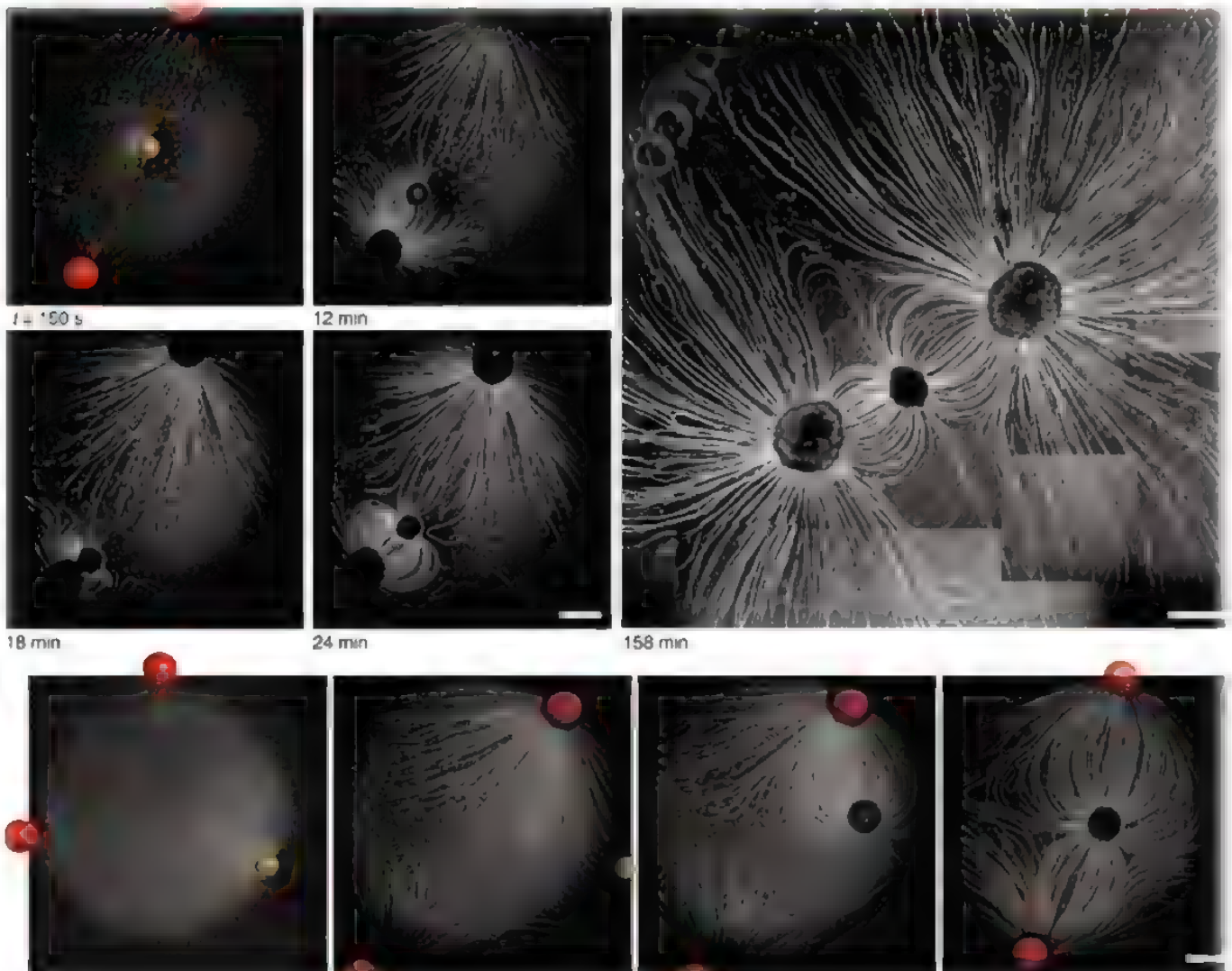
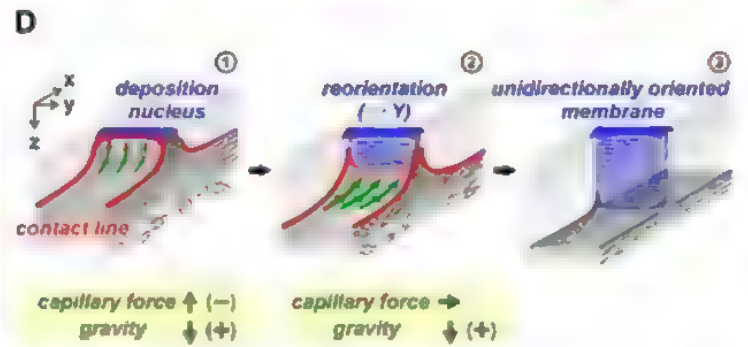
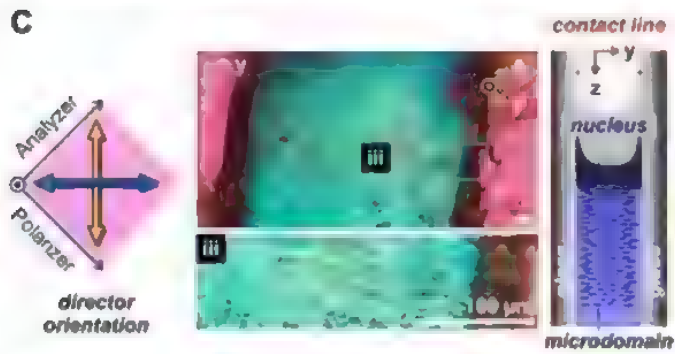
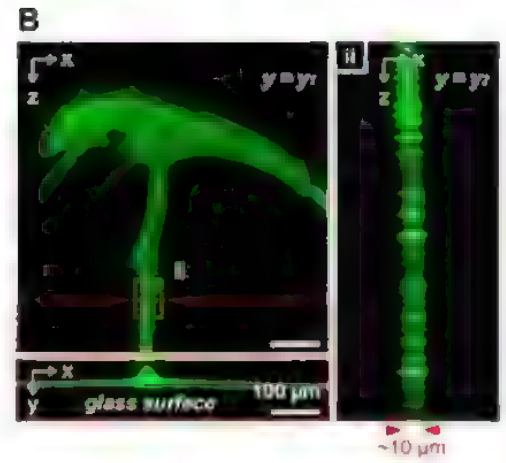
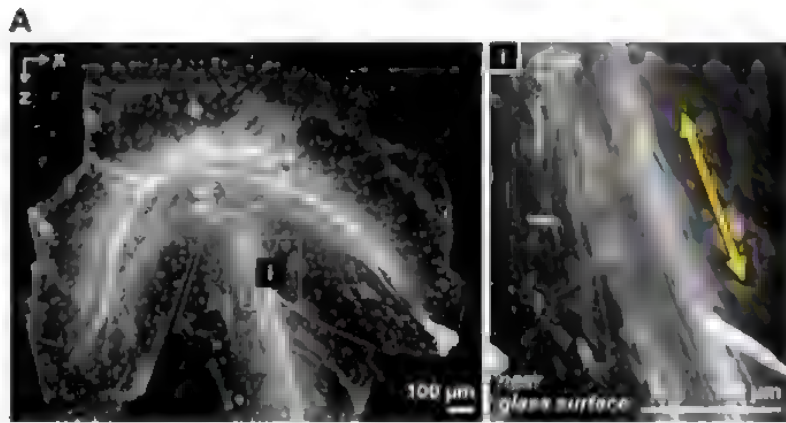


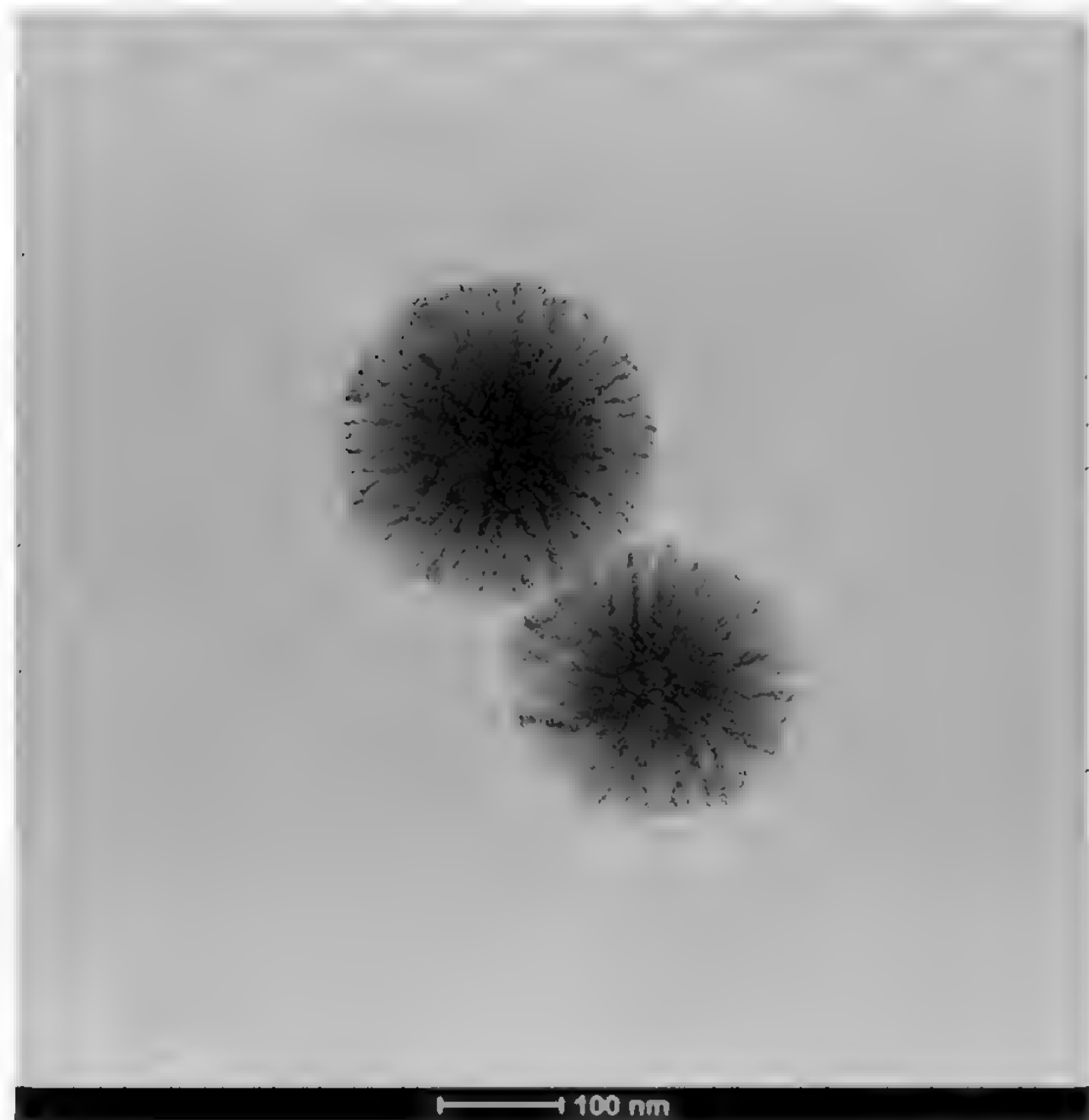
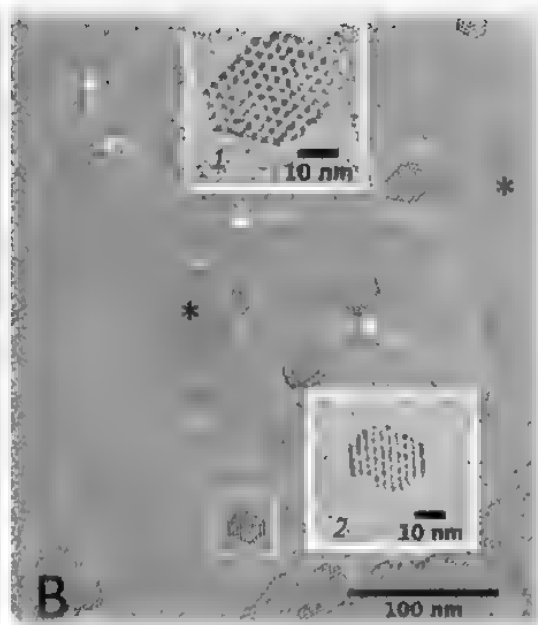
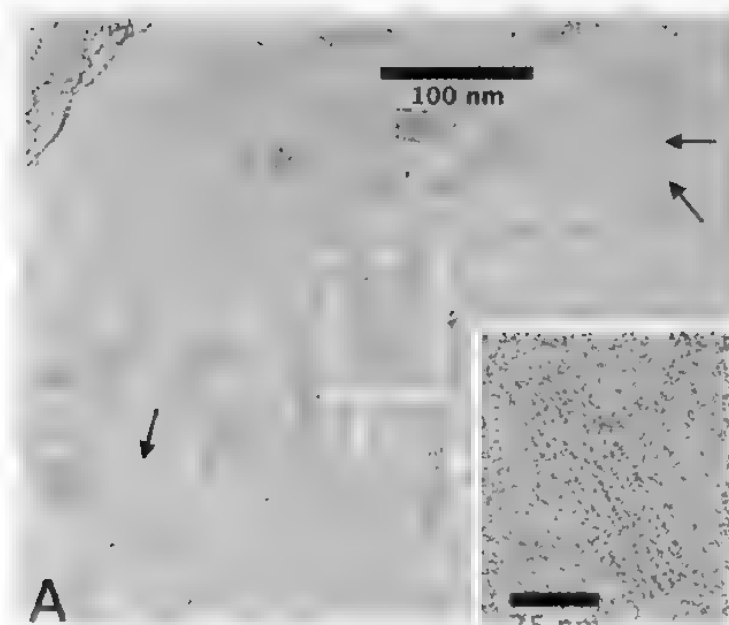


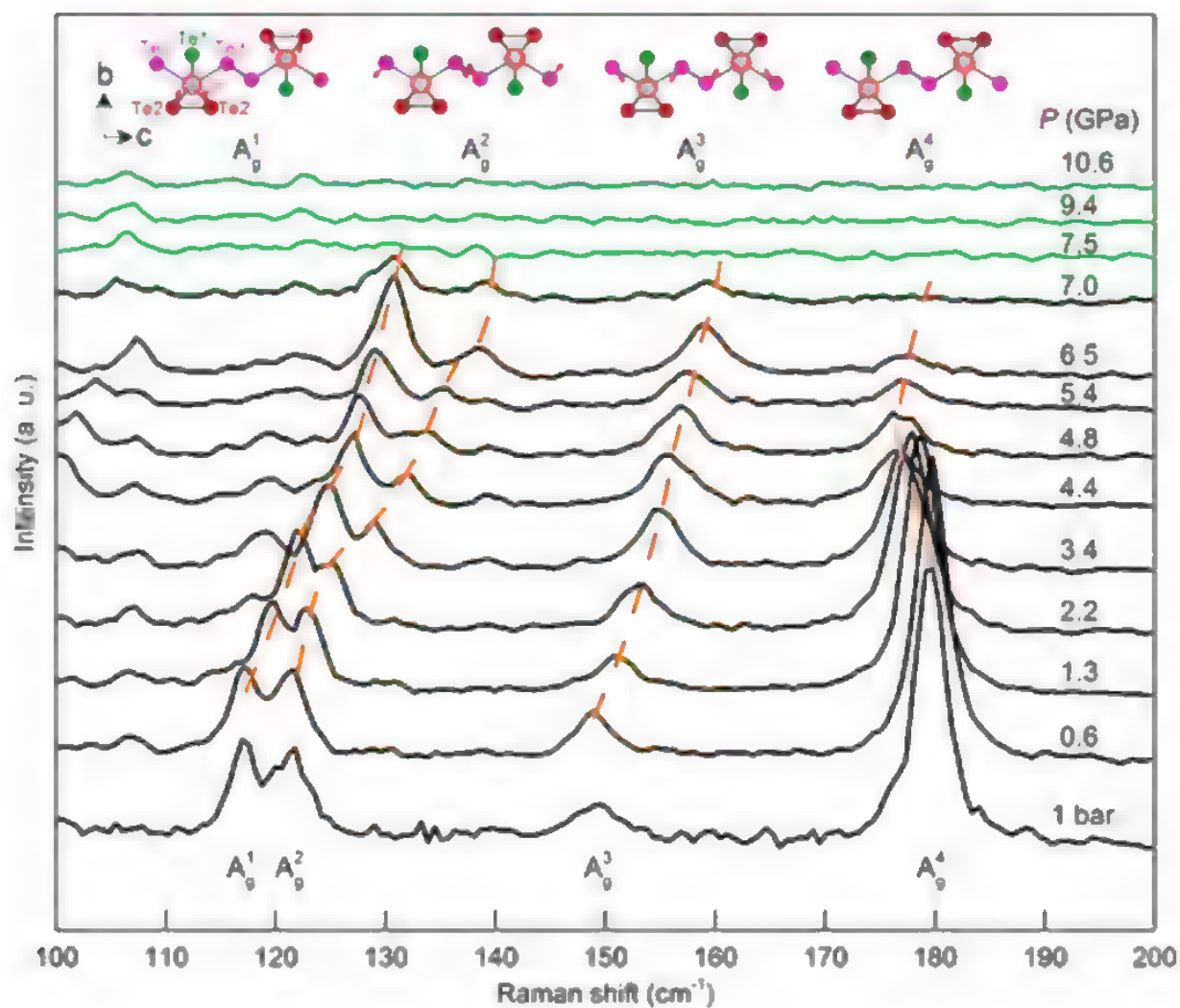
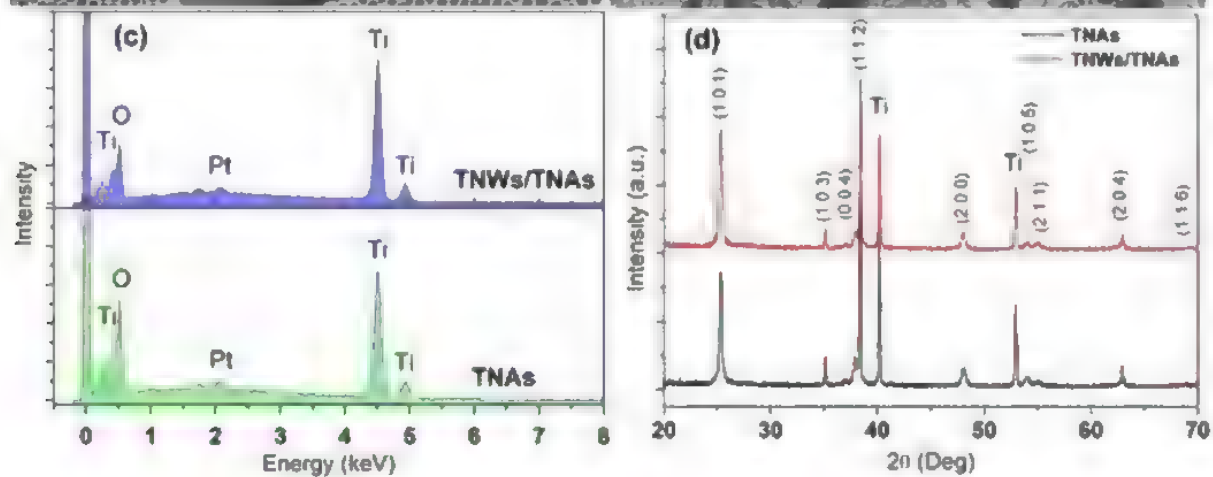
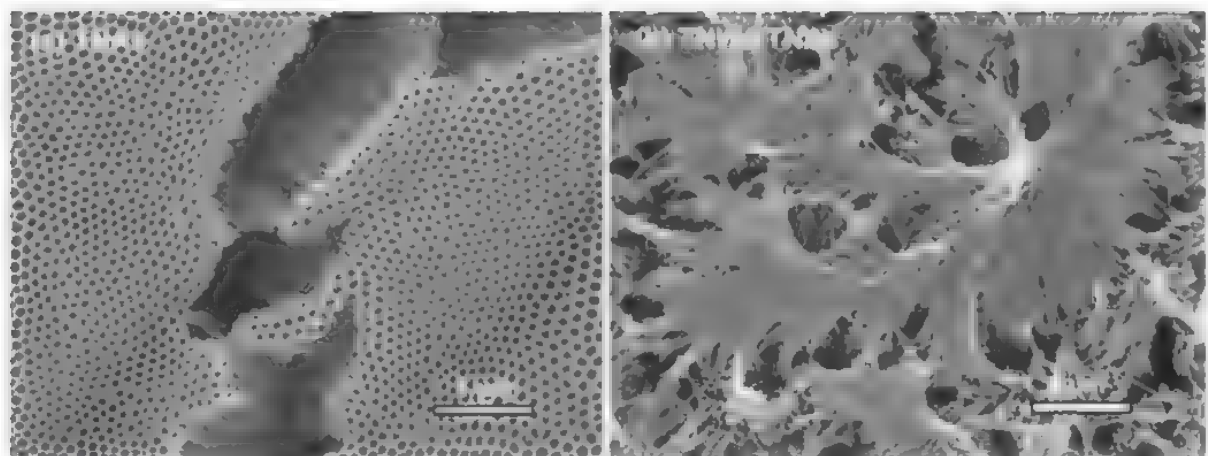


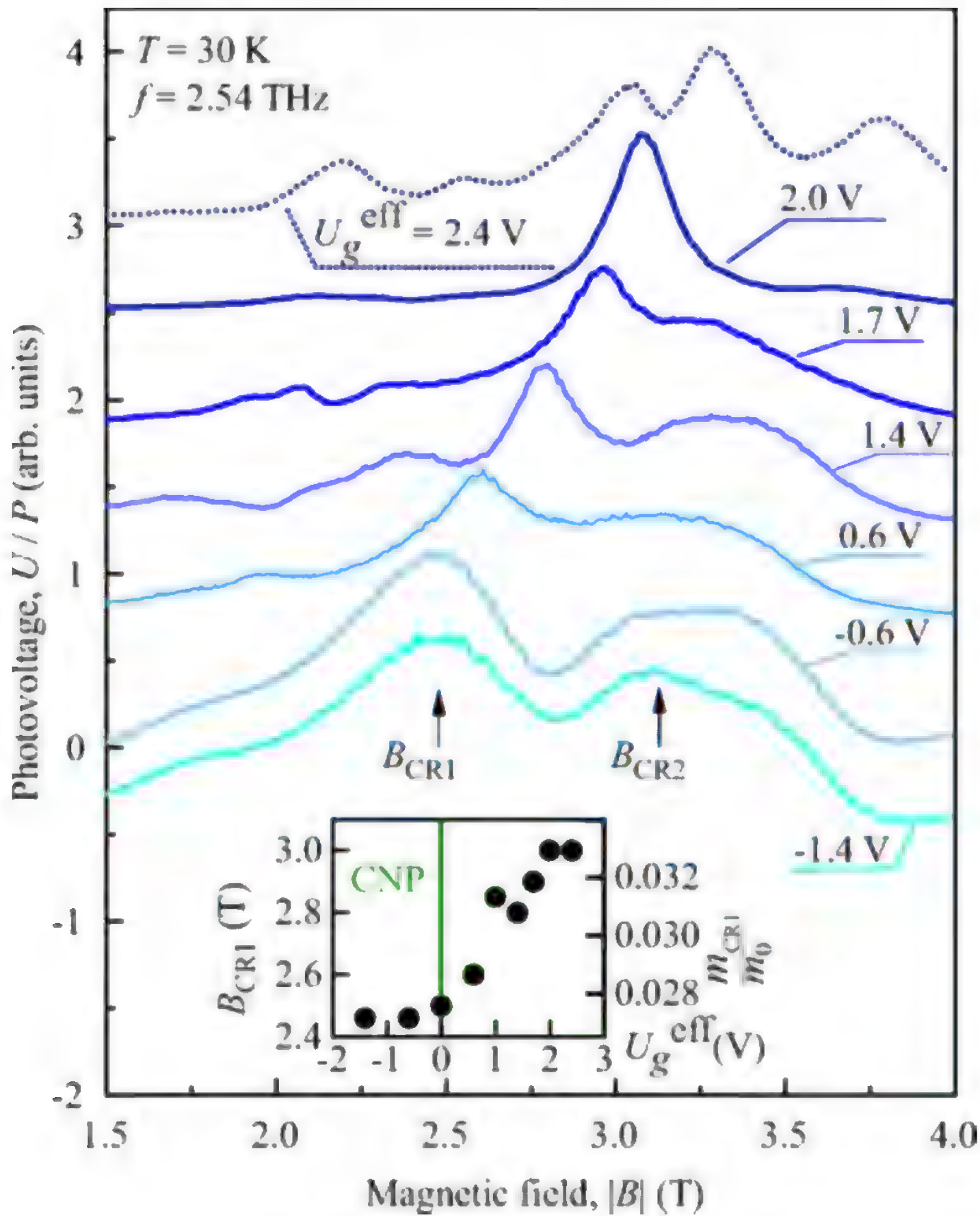


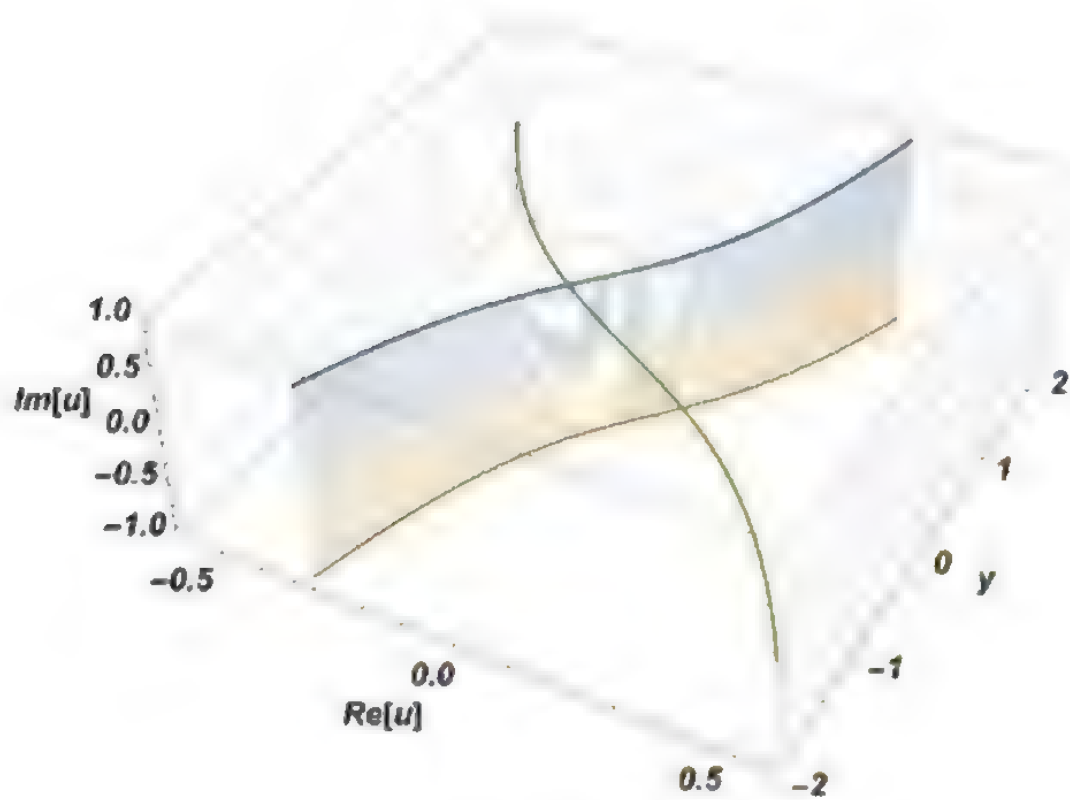
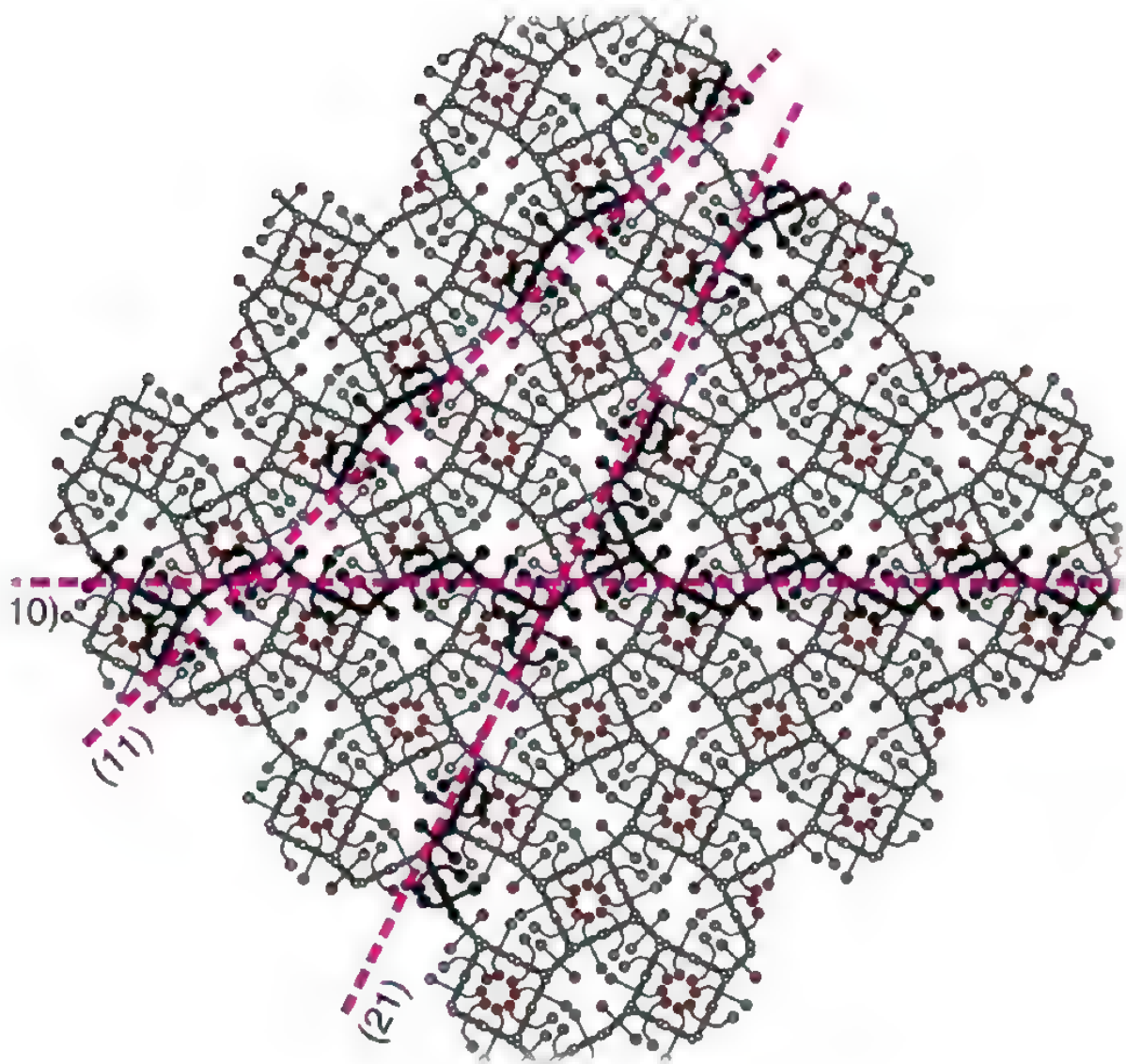


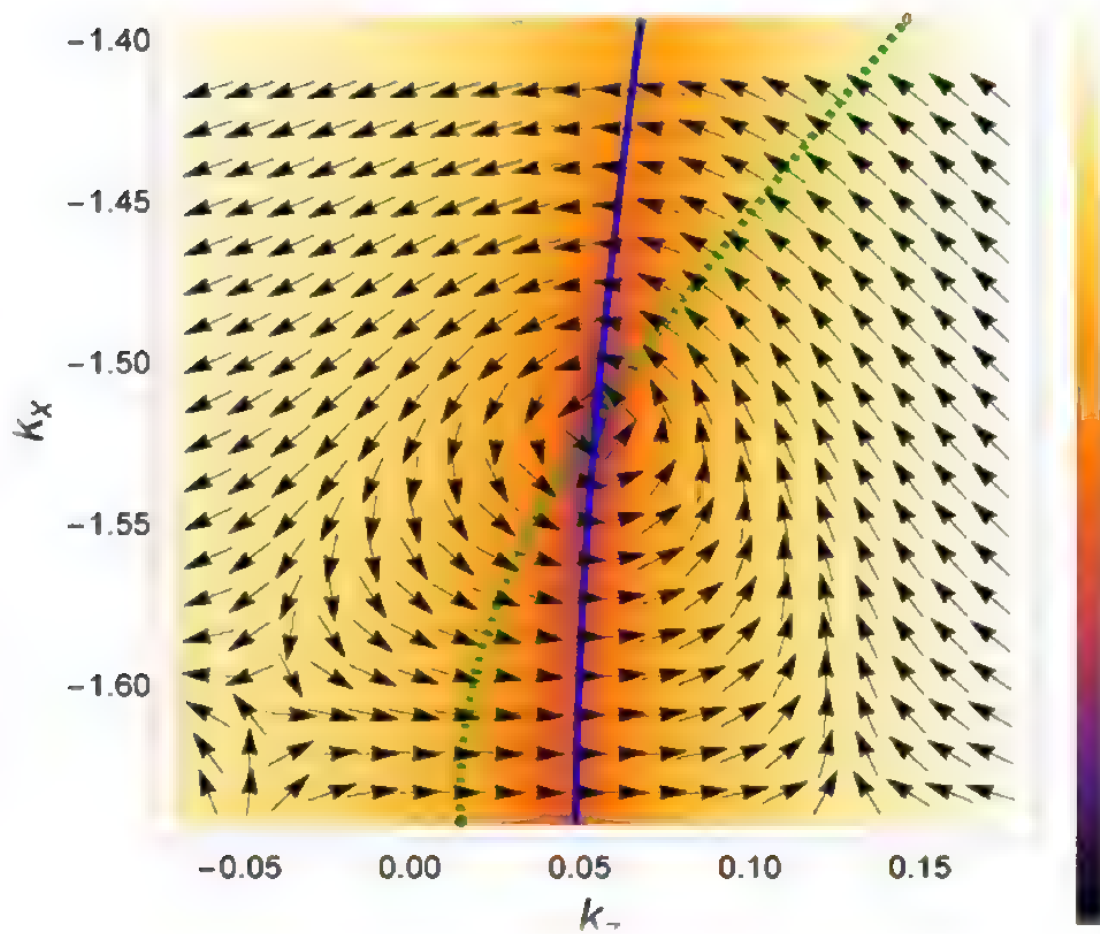
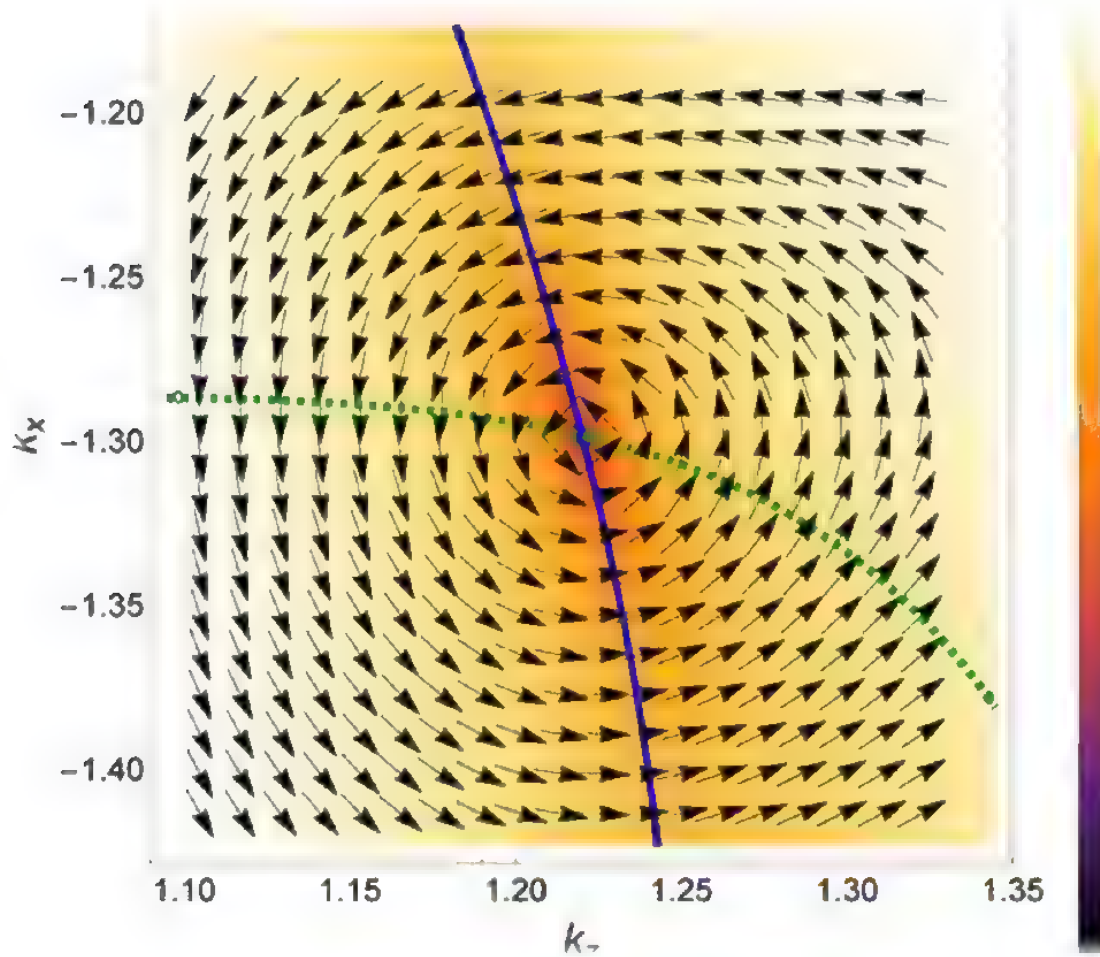


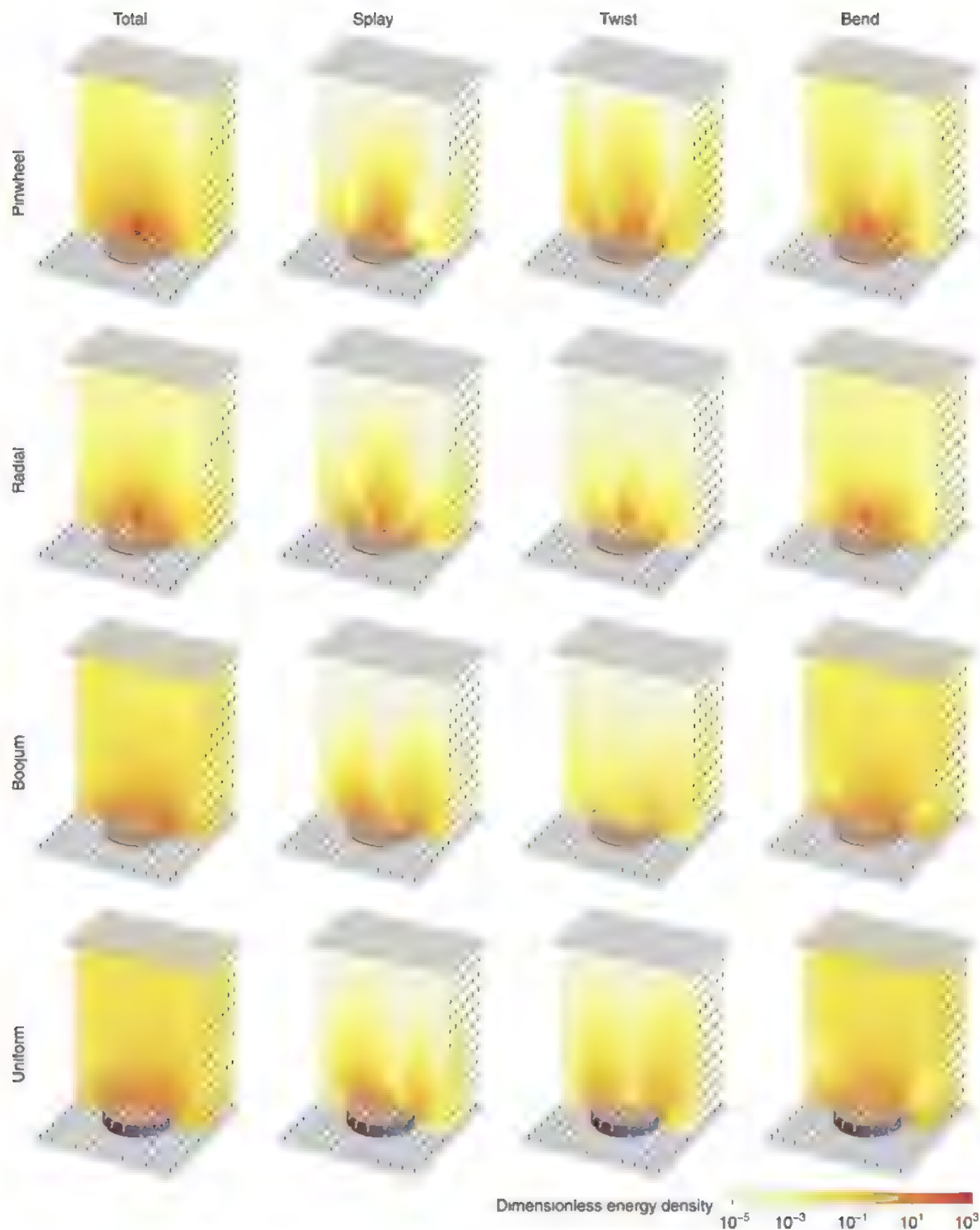


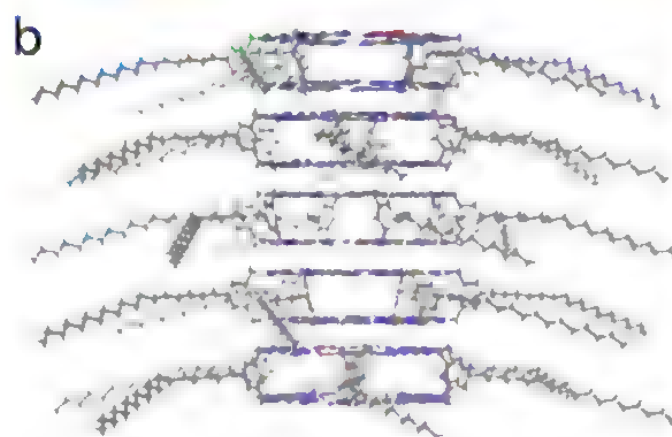
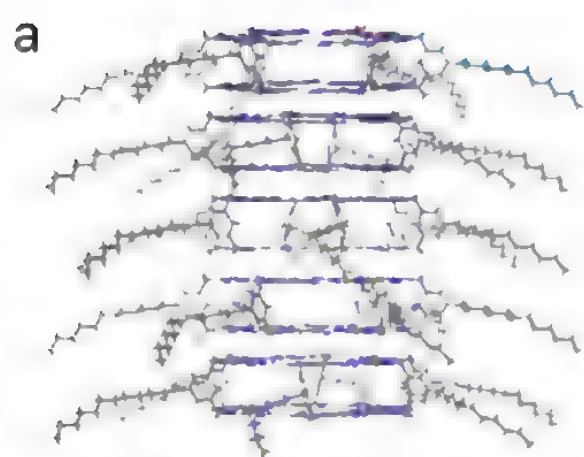
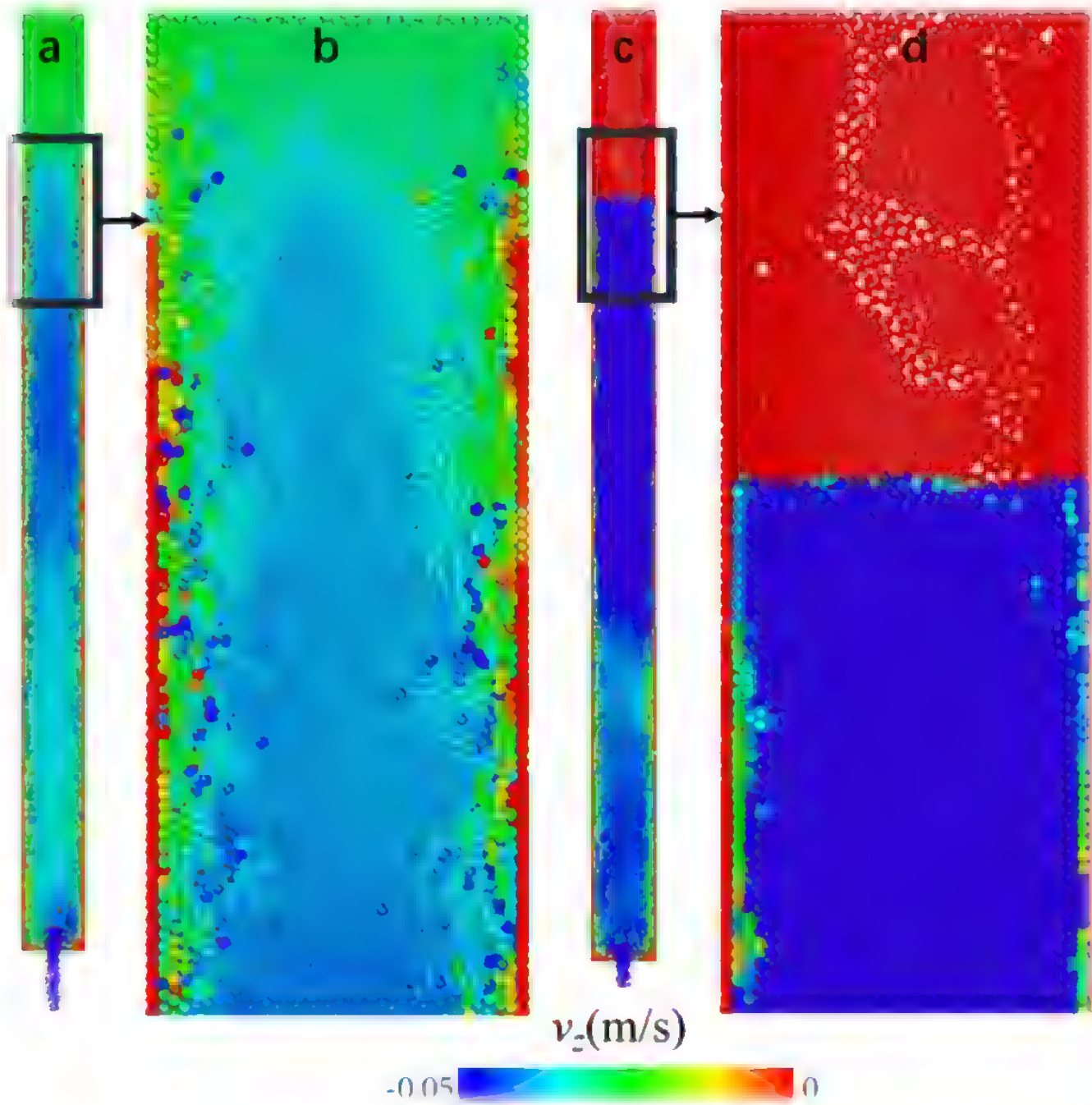




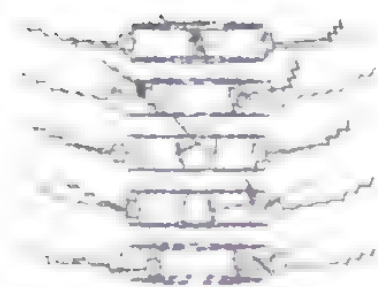




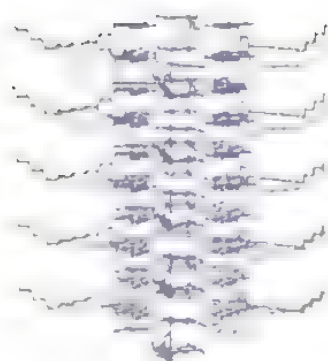




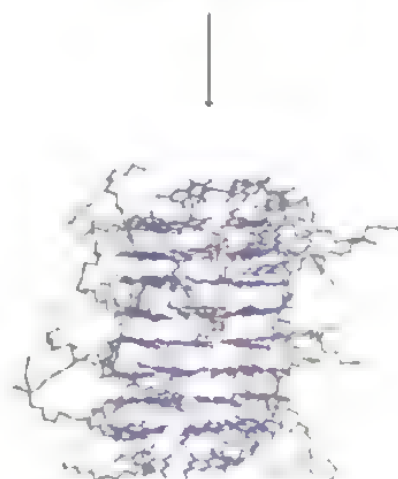
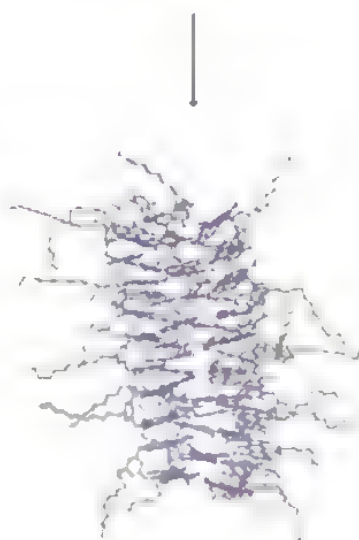
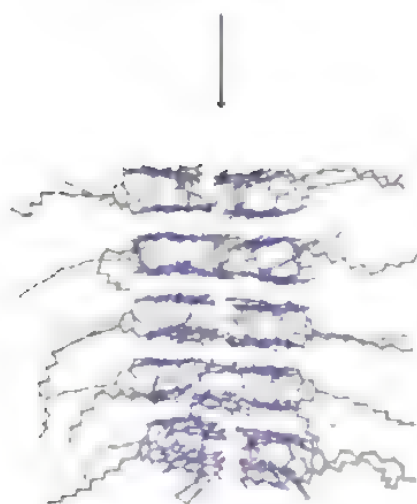
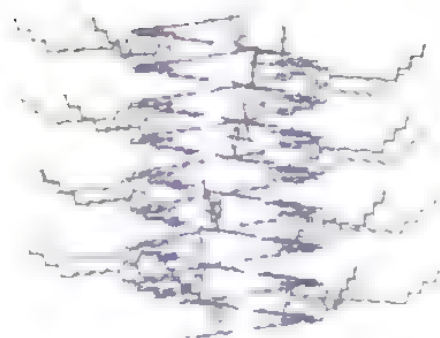
Ring Stack



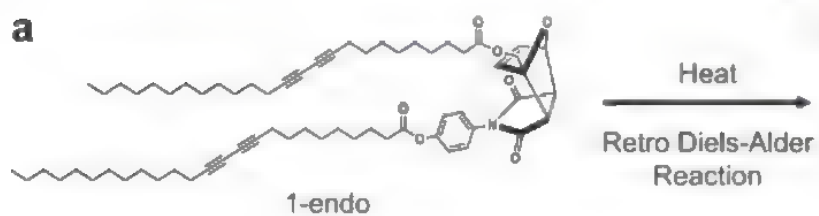
Offset



Helical Coil



a

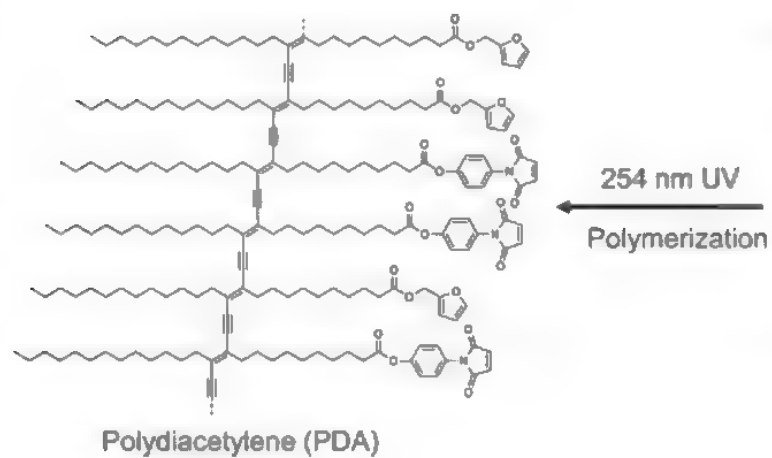


b

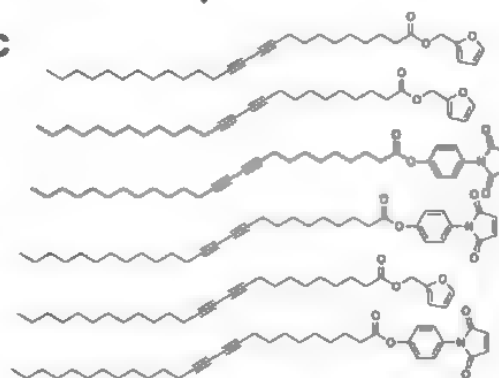


Self-assembly

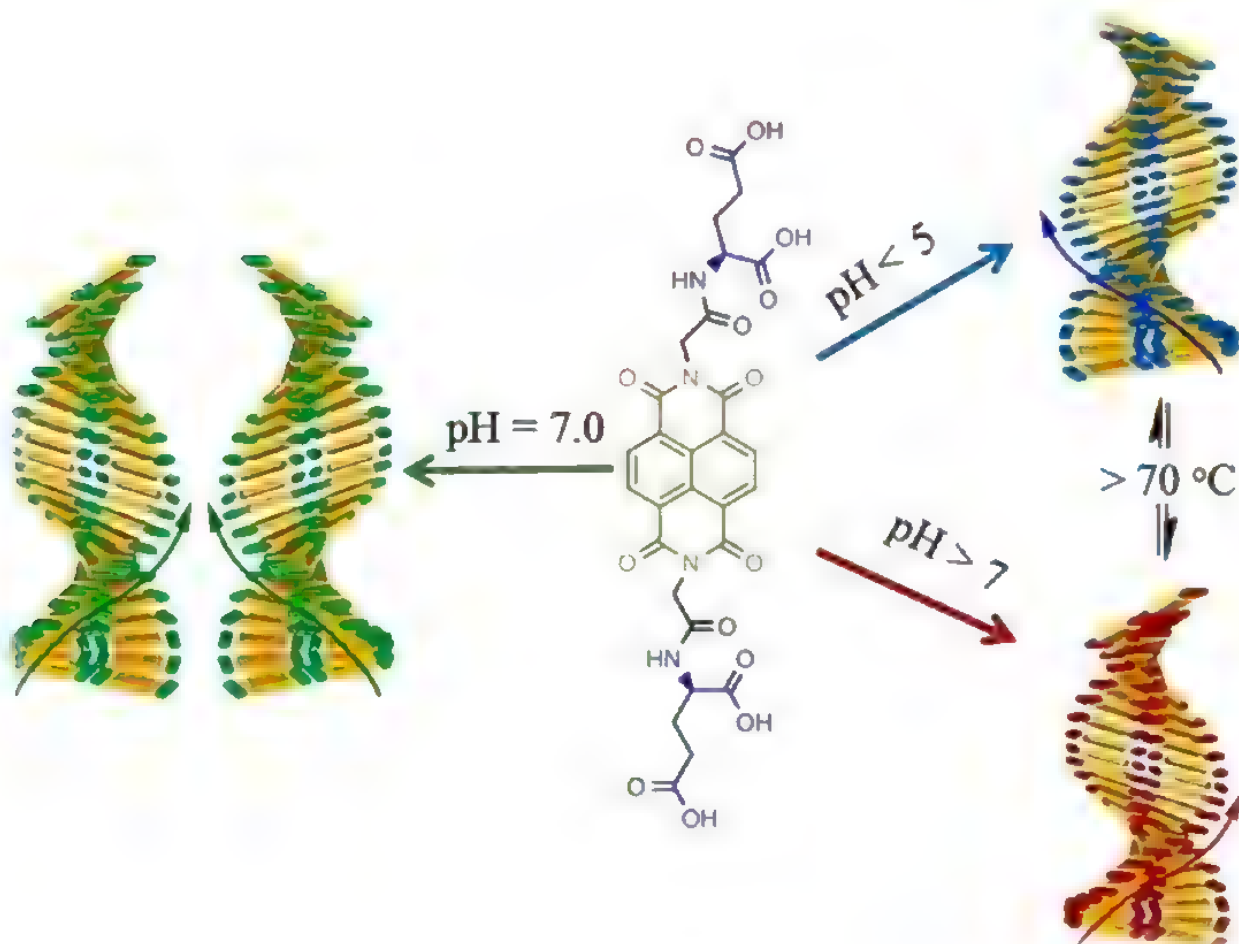
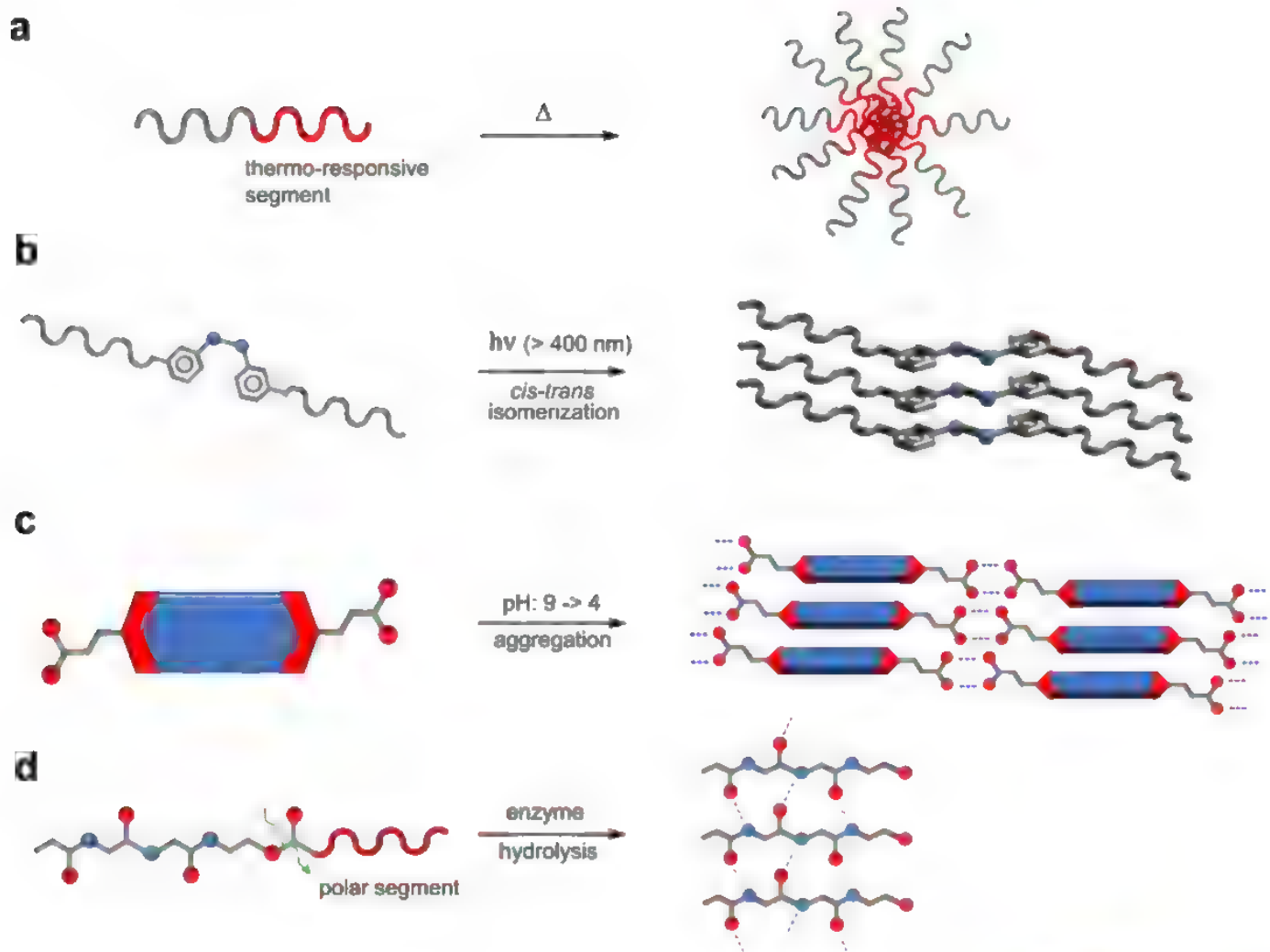
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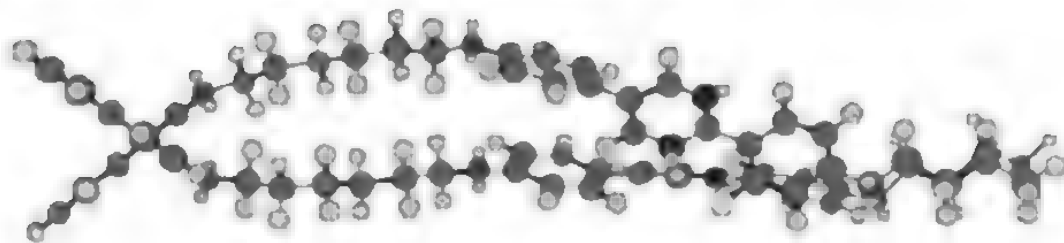


c

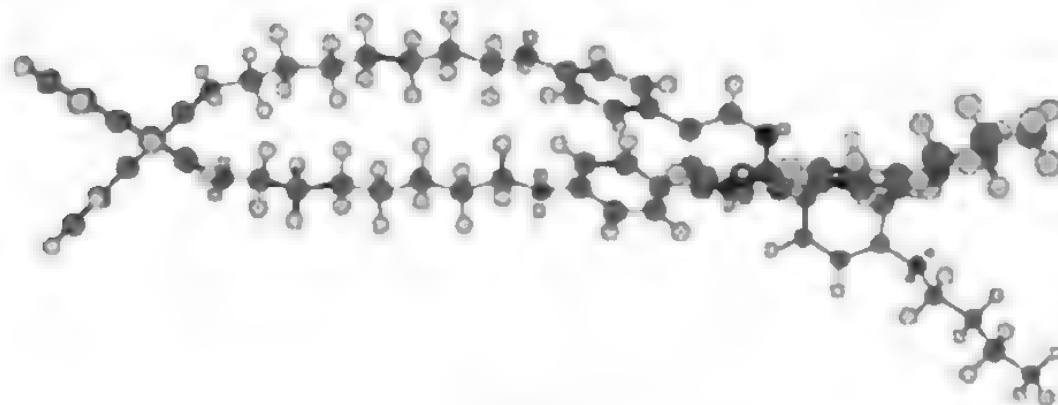


Self-assembled FM

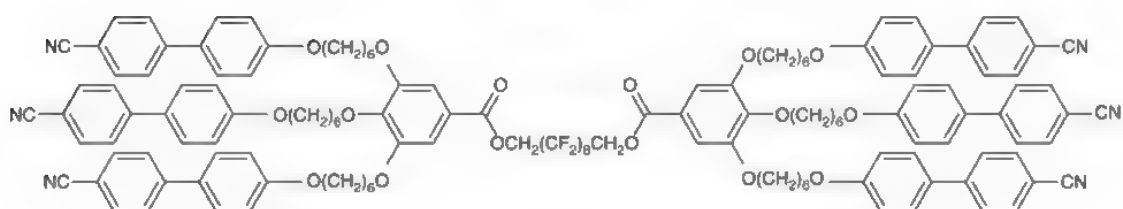




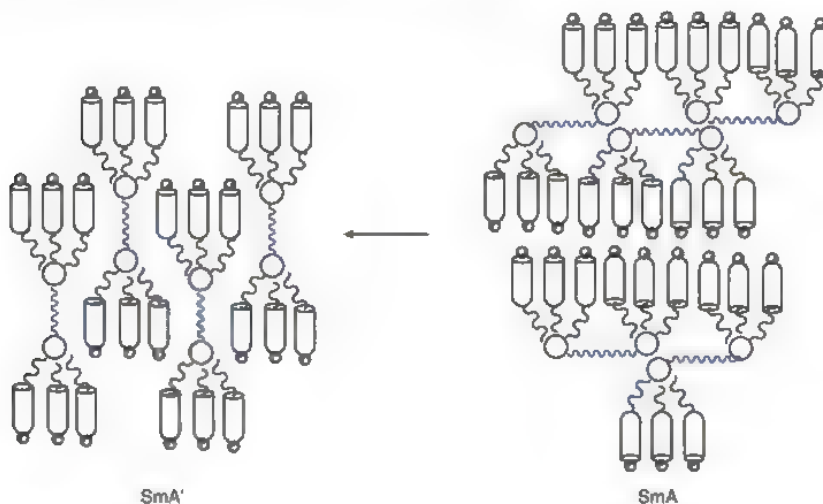
7-6



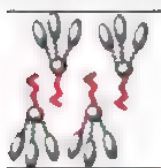
7-7



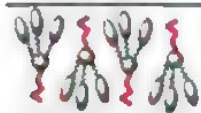
6: Cr 122.0 °C [SmA' 46.8 °C SmA 101.8 °C N 121.4 °C] Iso



Segregation effect

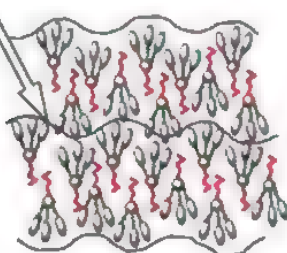


Steric effect

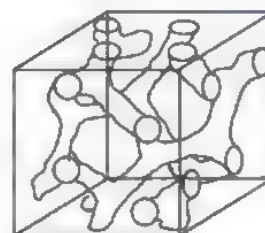


Dipole-dipole interactions

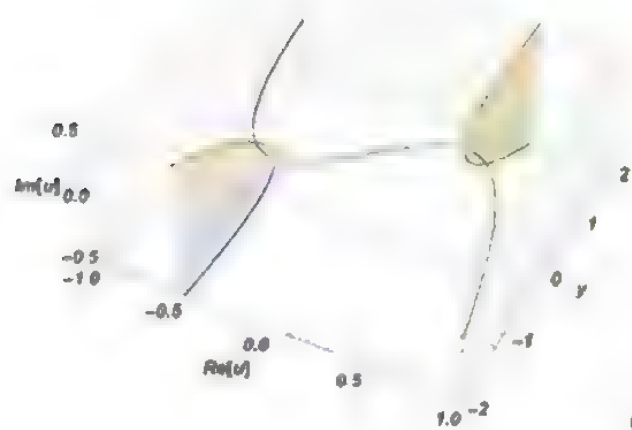
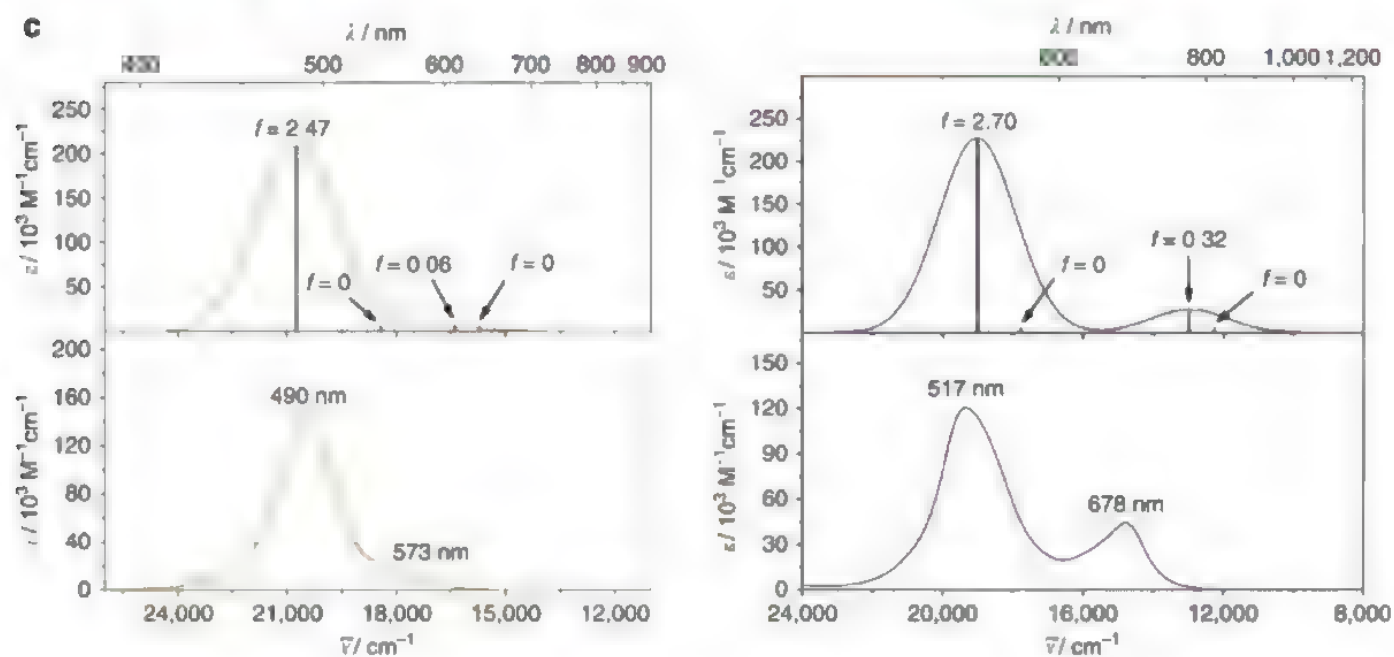
Competition

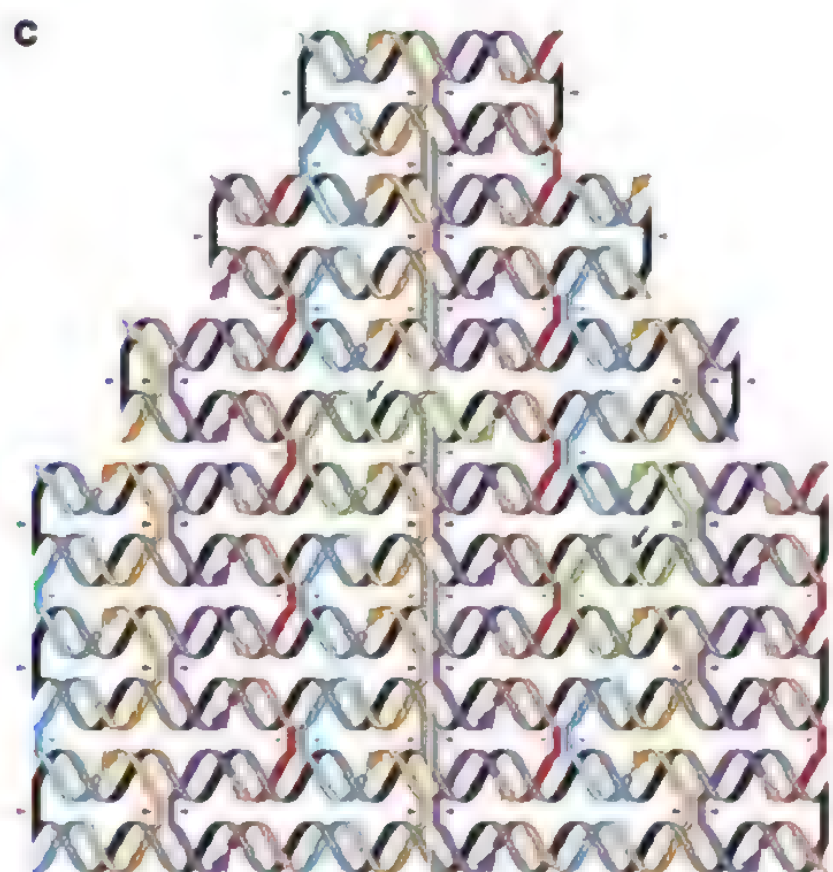
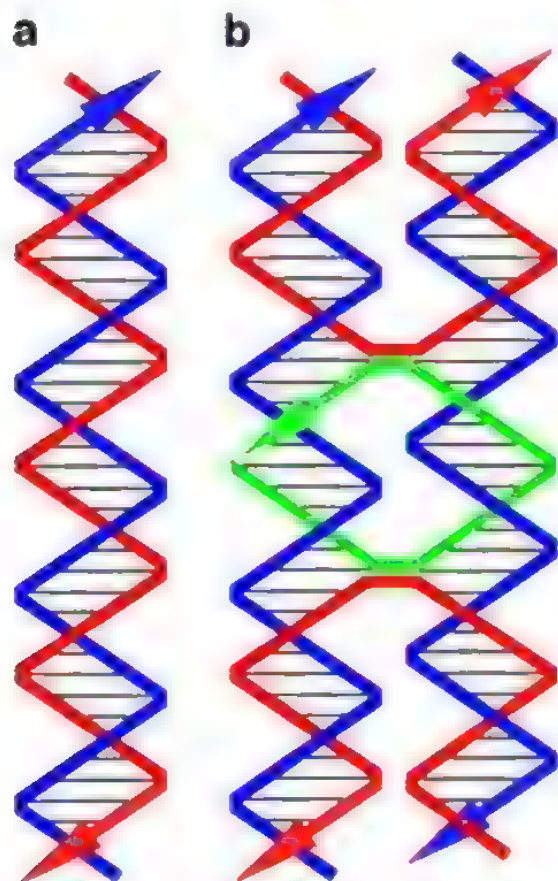
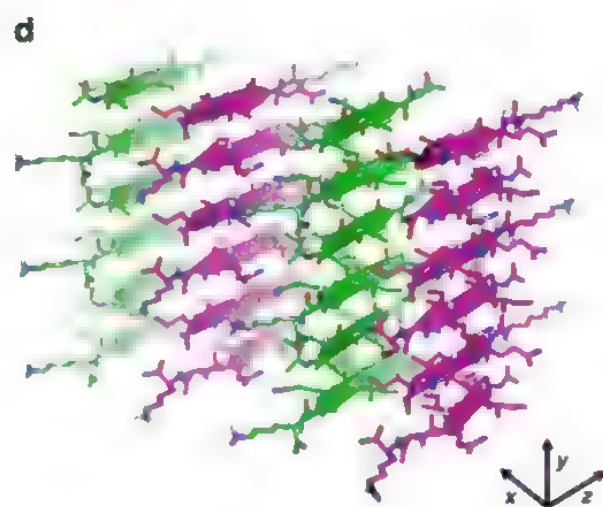
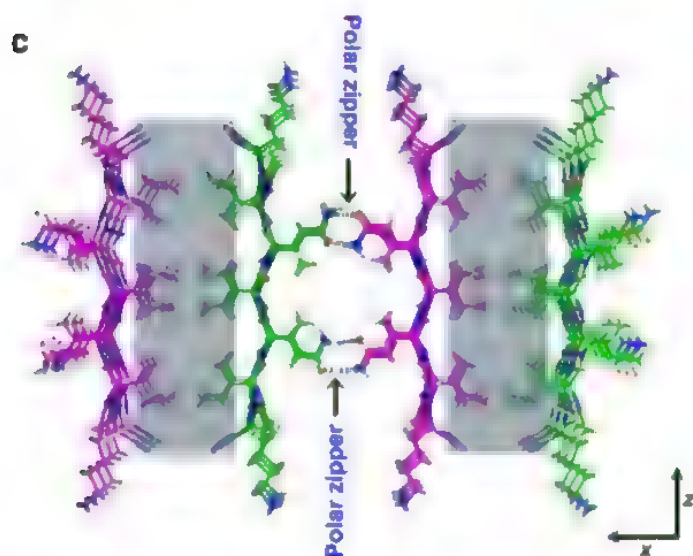
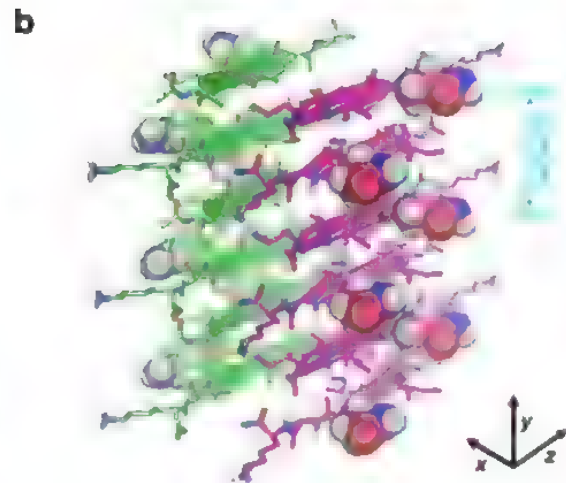
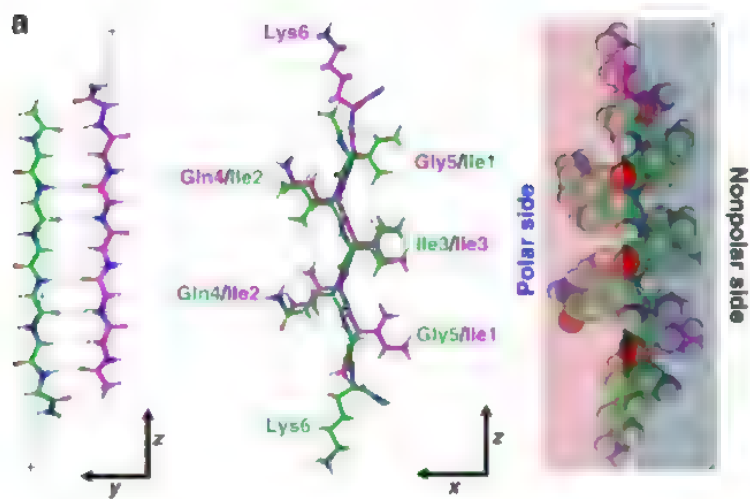


Fluctuated lamellar structure

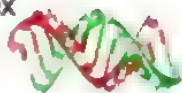


Bicontinuous cubic phase

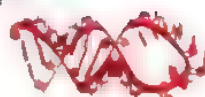




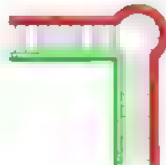
Duplex



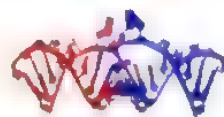
Hairpin



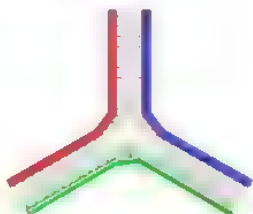
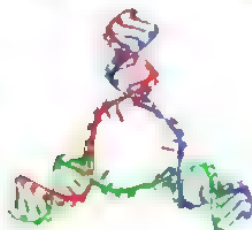
90°-kink



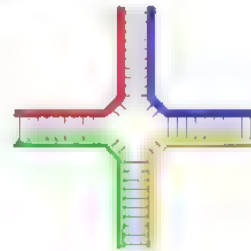
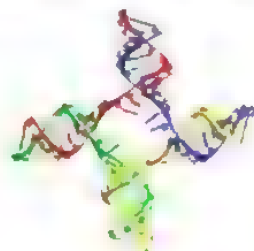
Kissing-loops (KL)



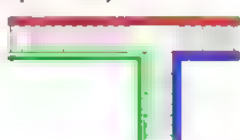
Open 3-way junction (o3WJ)



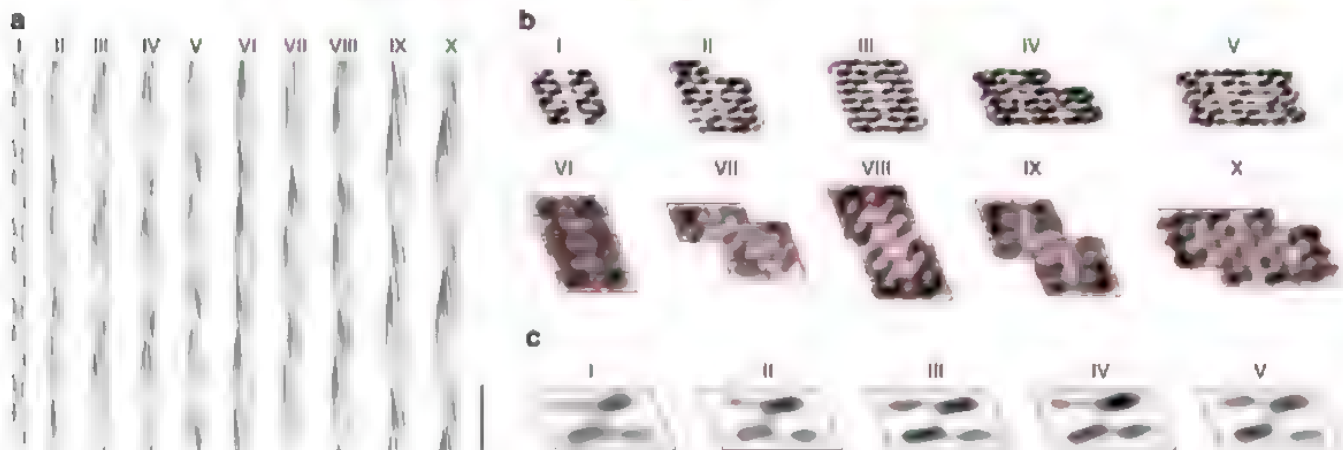
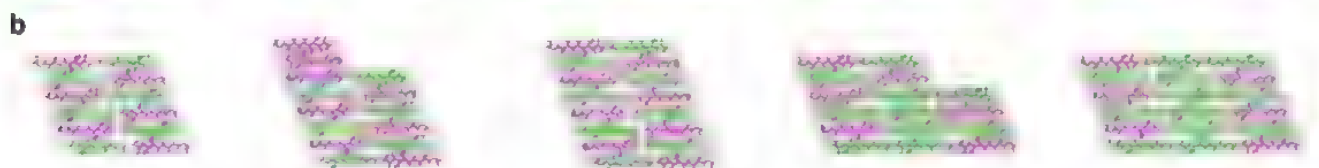
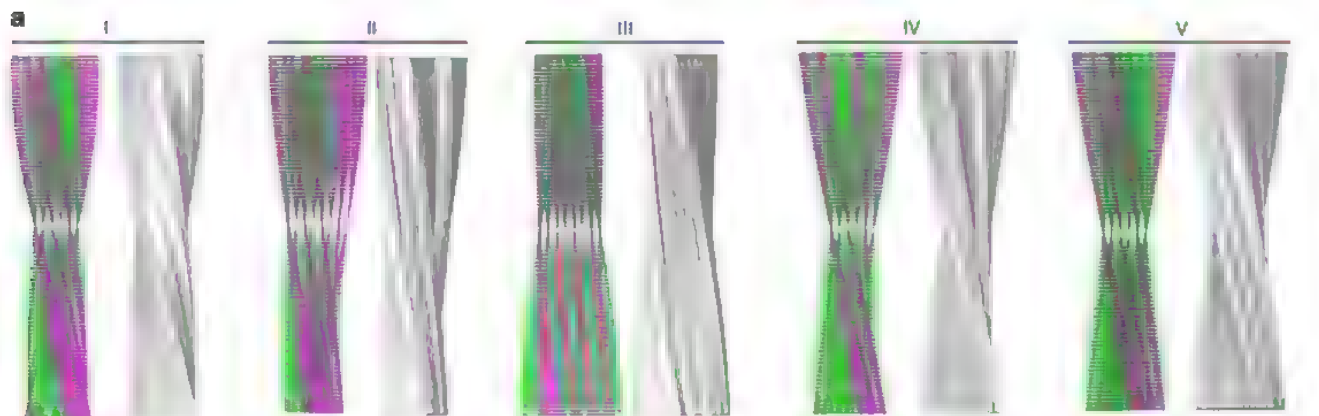
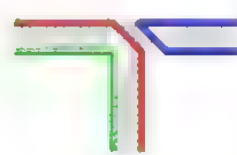
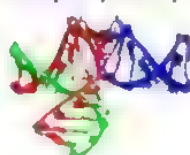
Open 4-way junction (o4WJ)

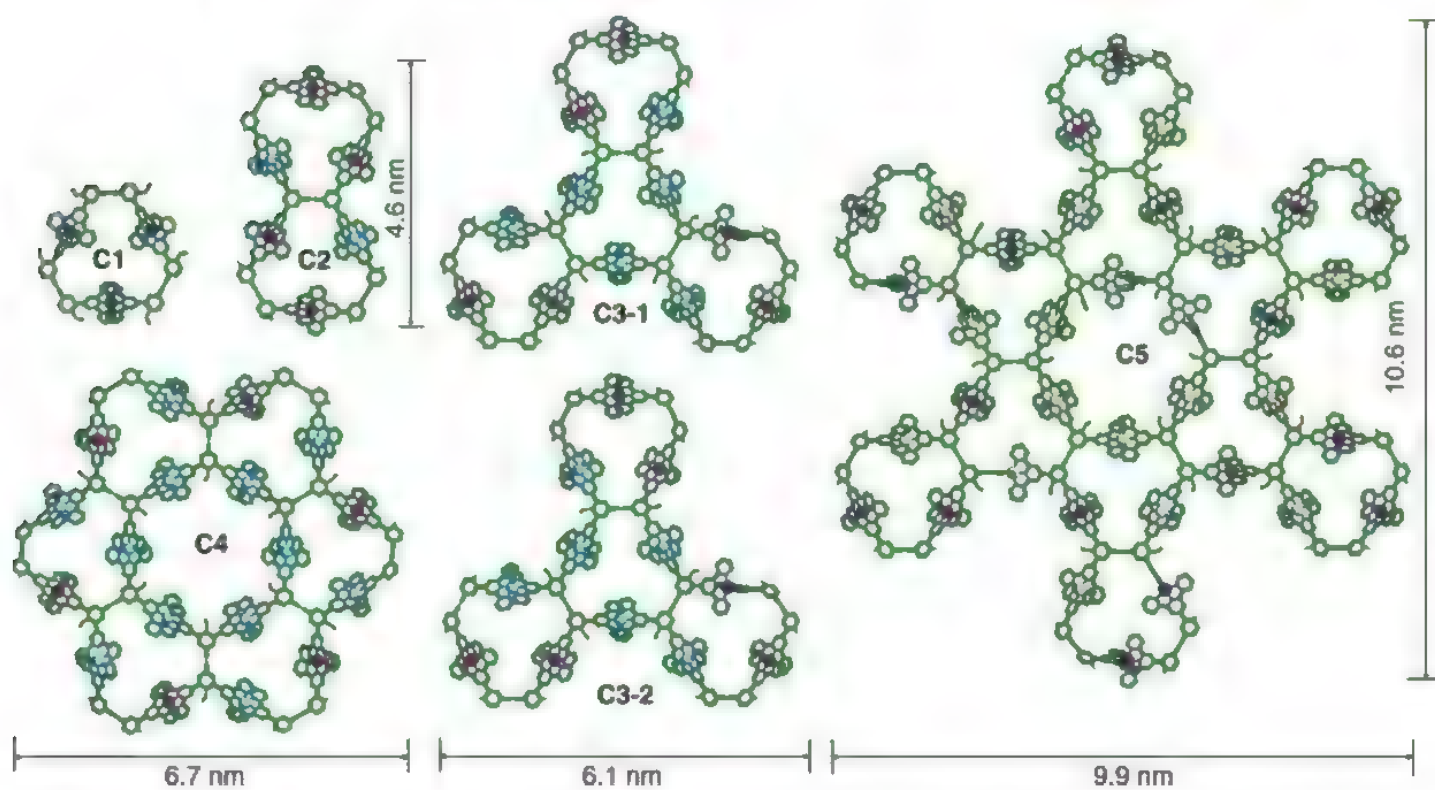
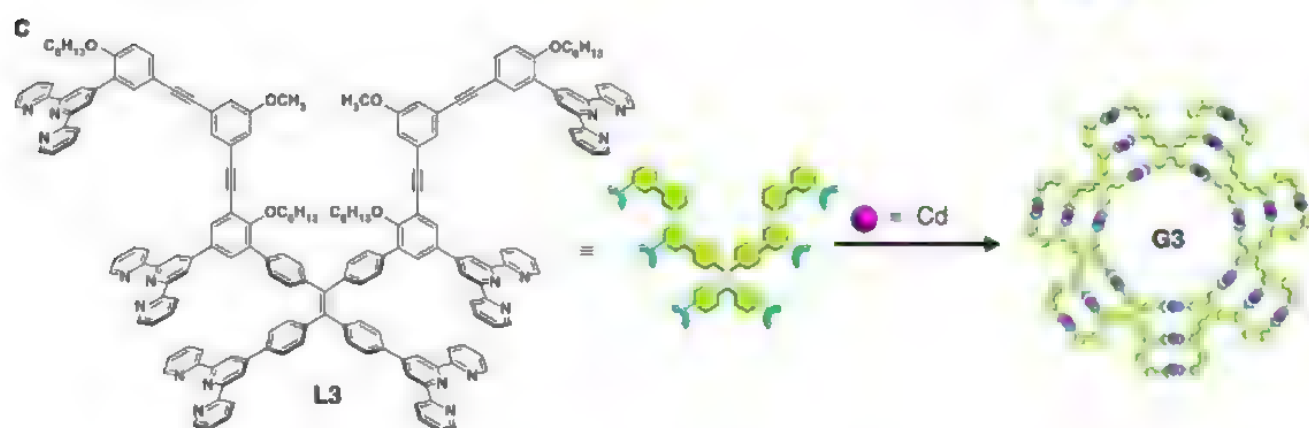
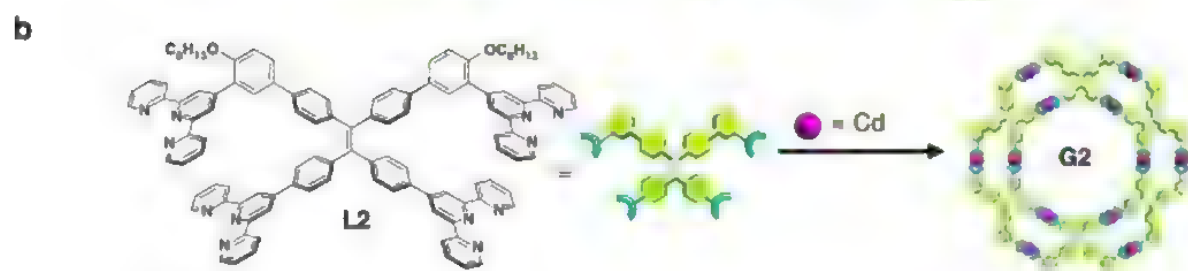
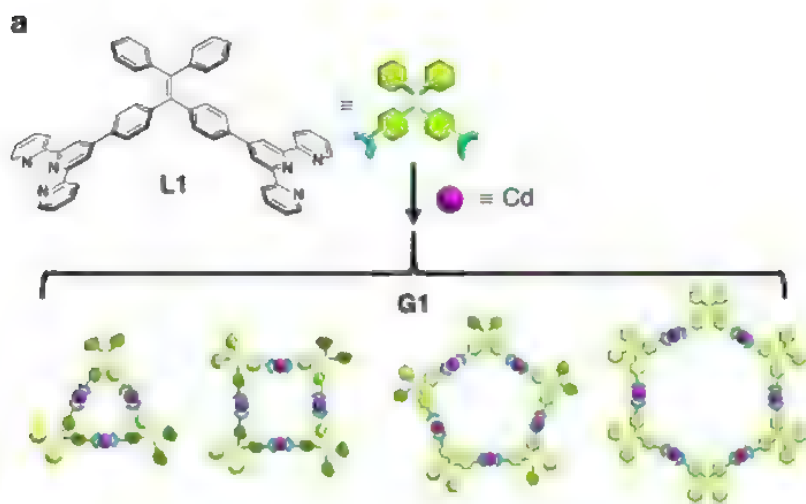


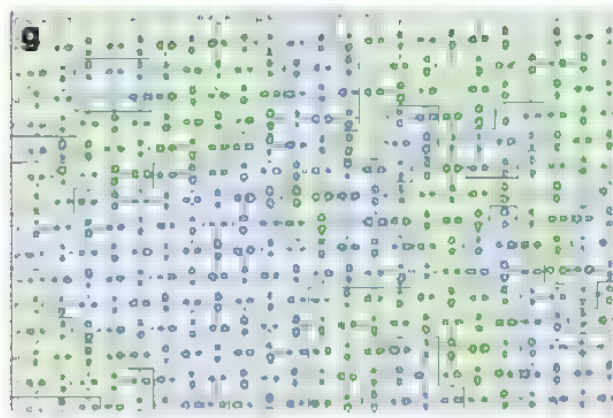
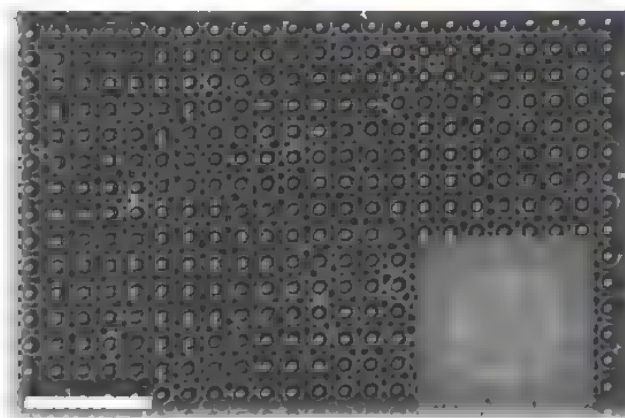
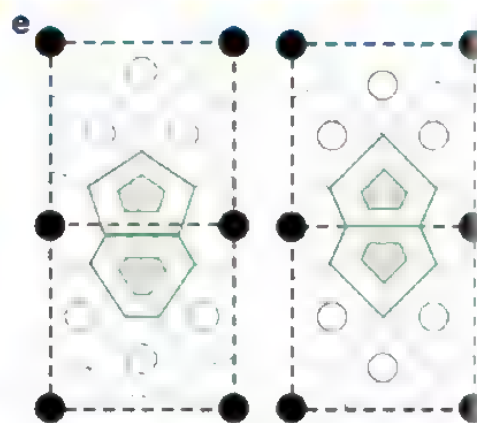
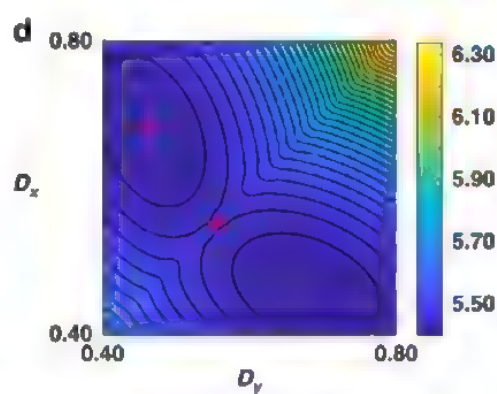
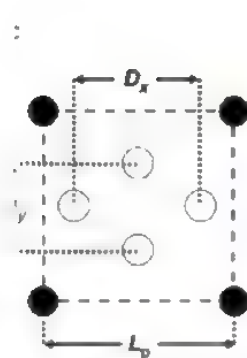
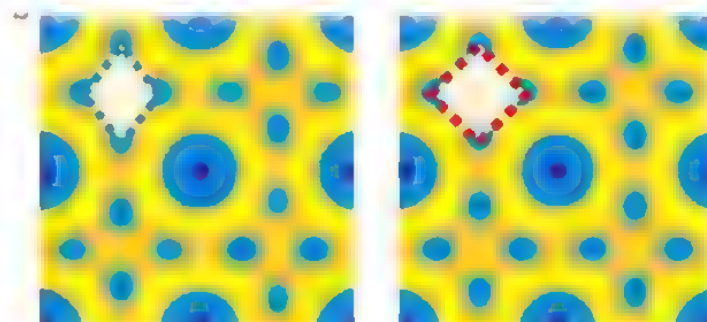
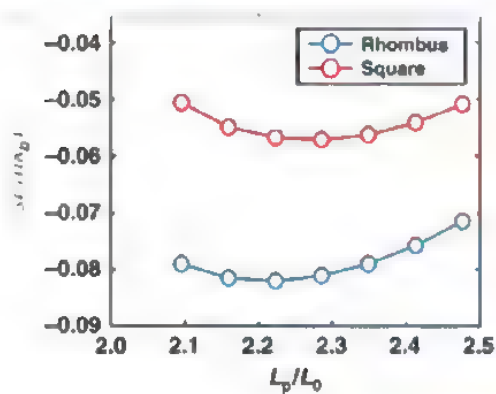
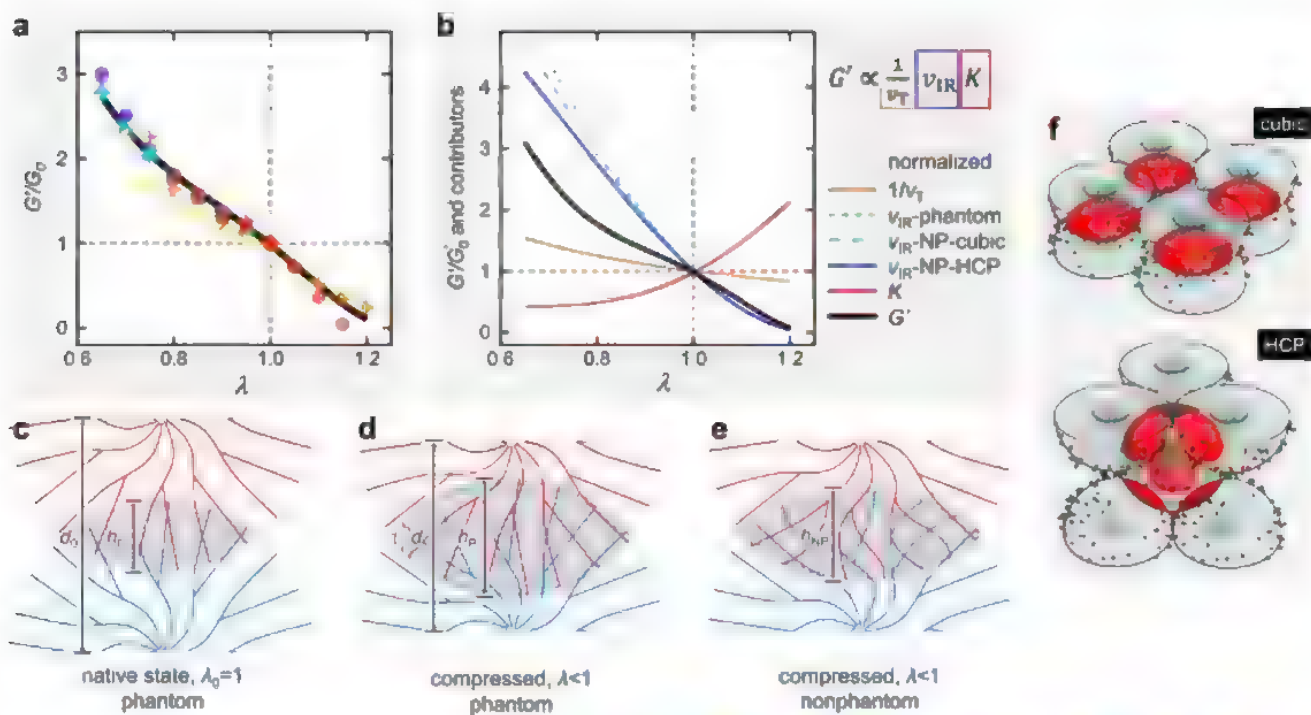
Stacked 3-way junction (s3WJ)

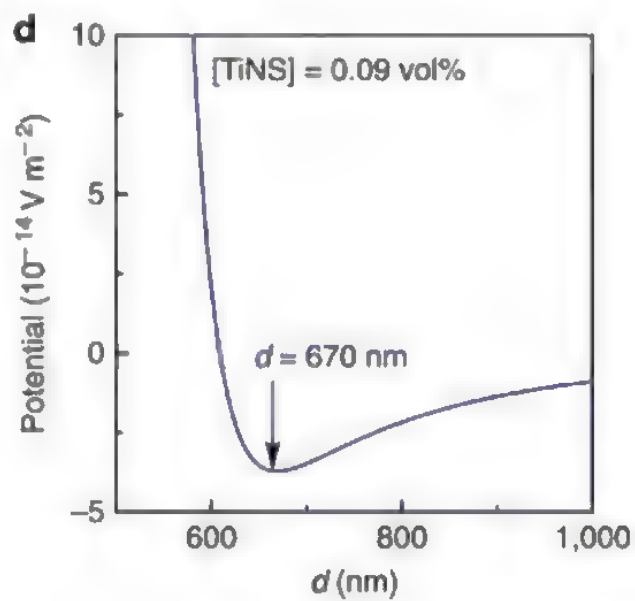
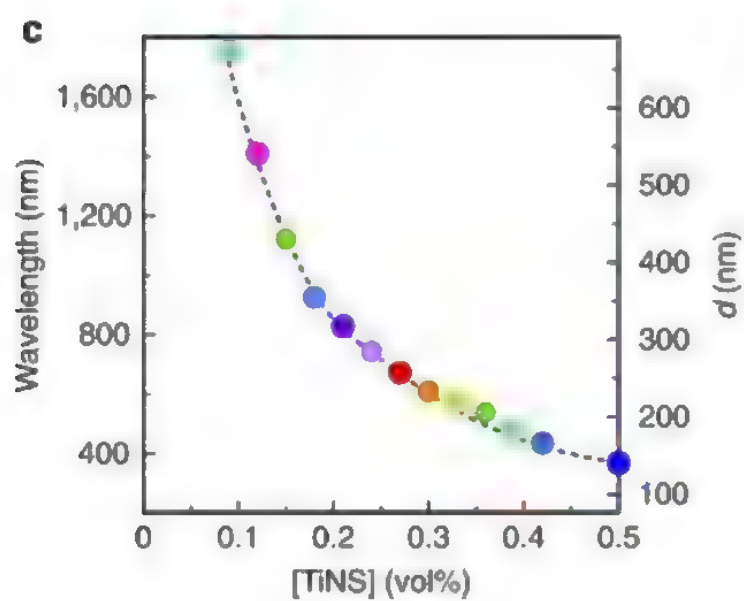
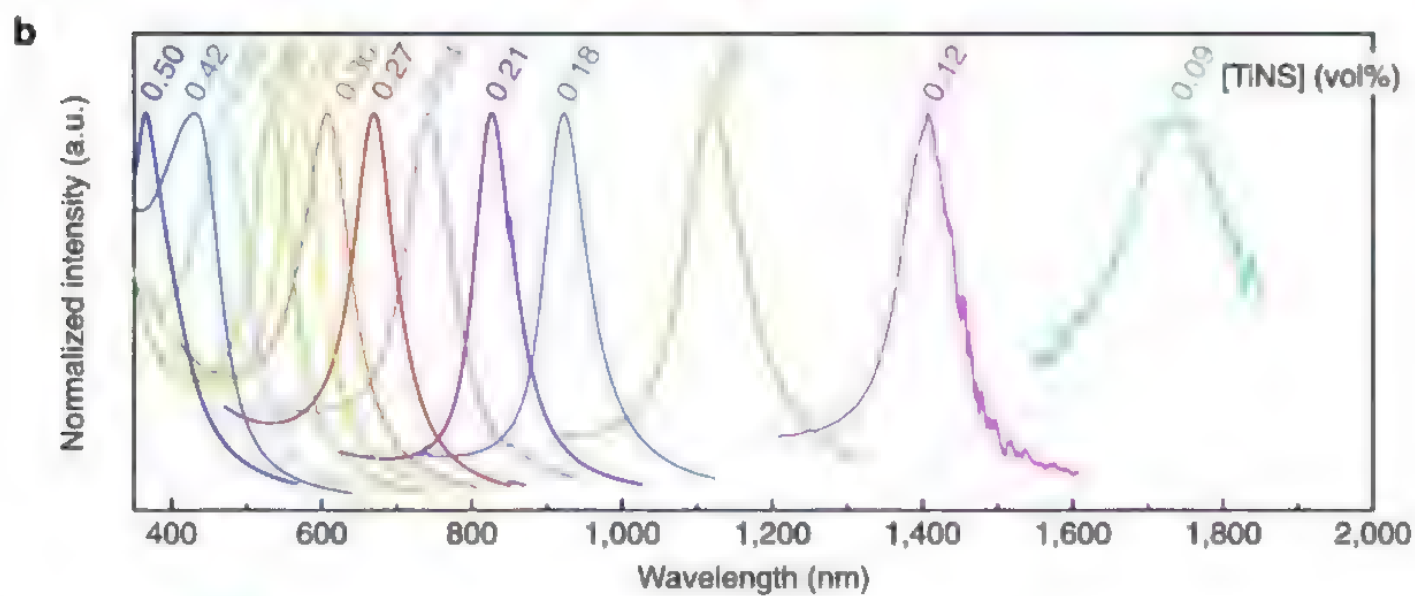
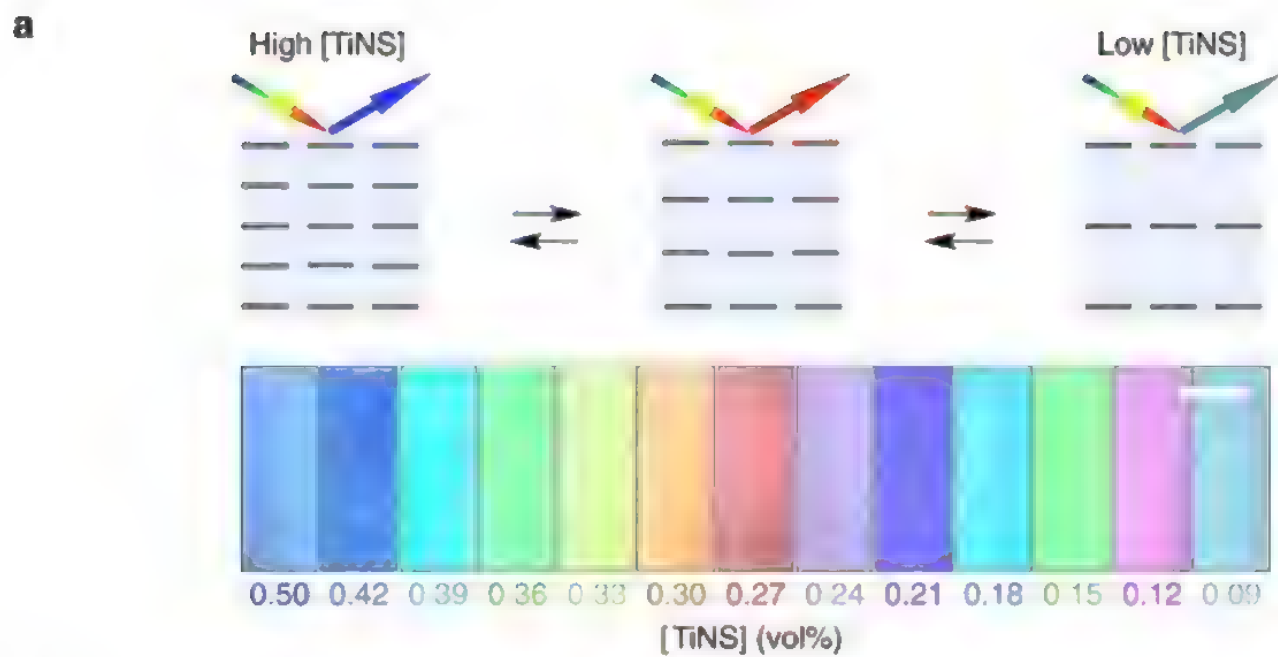


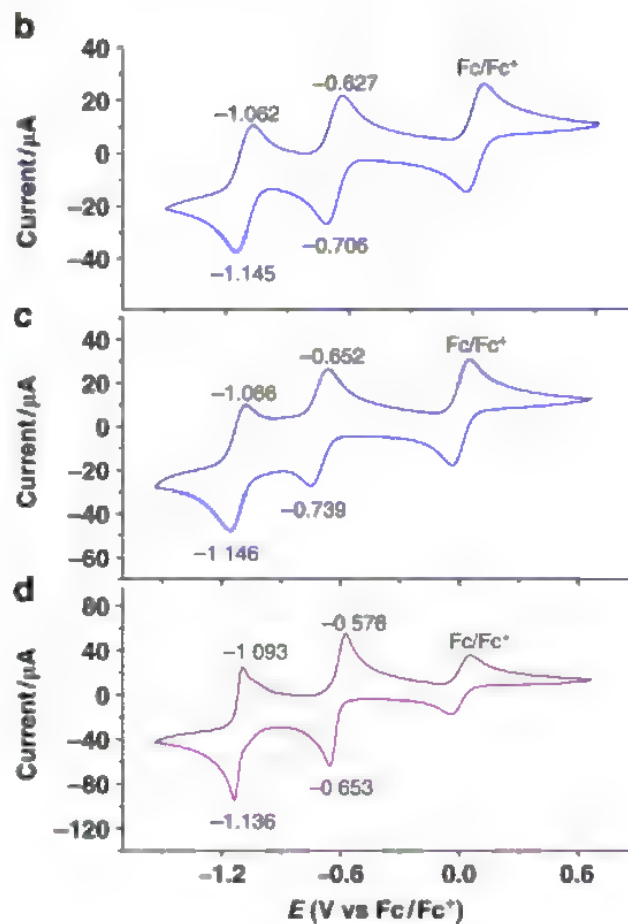
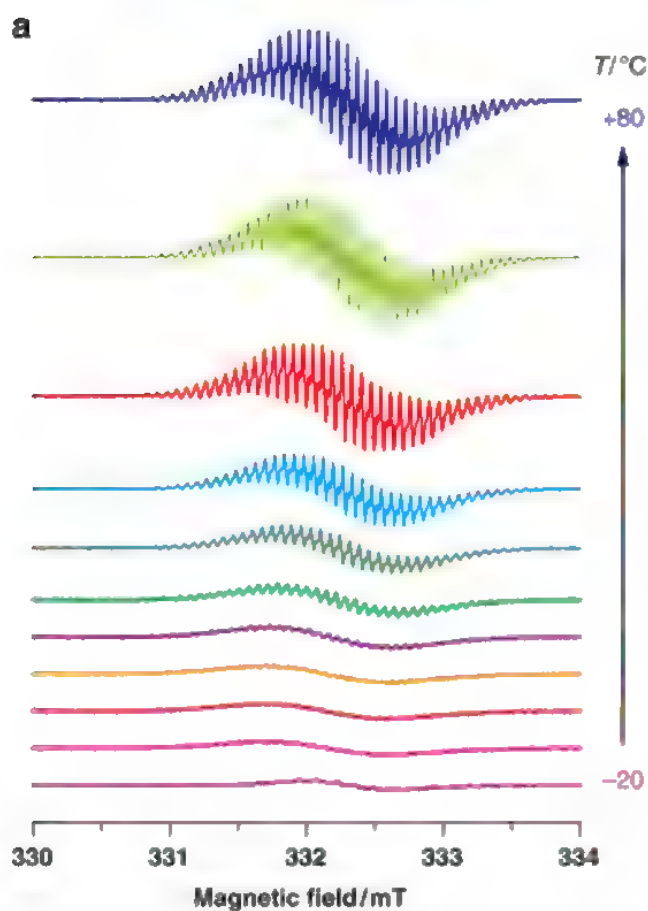
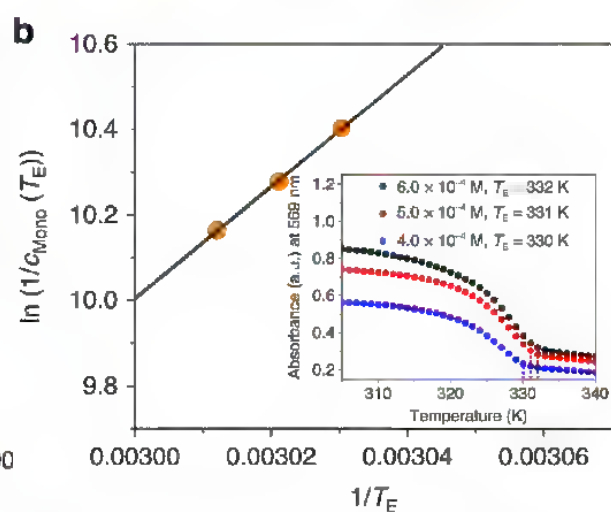
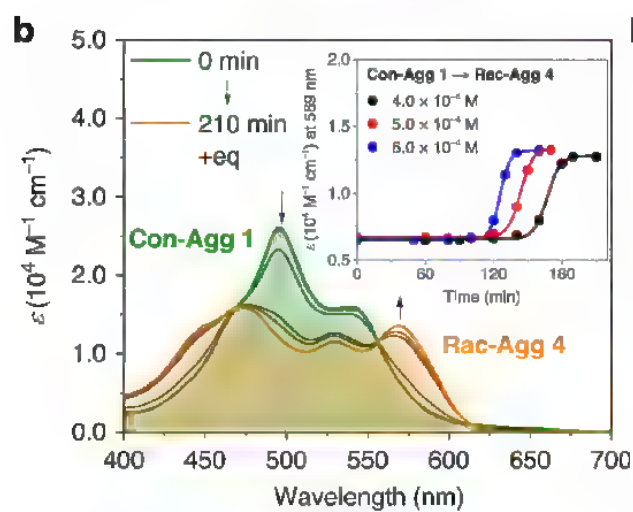
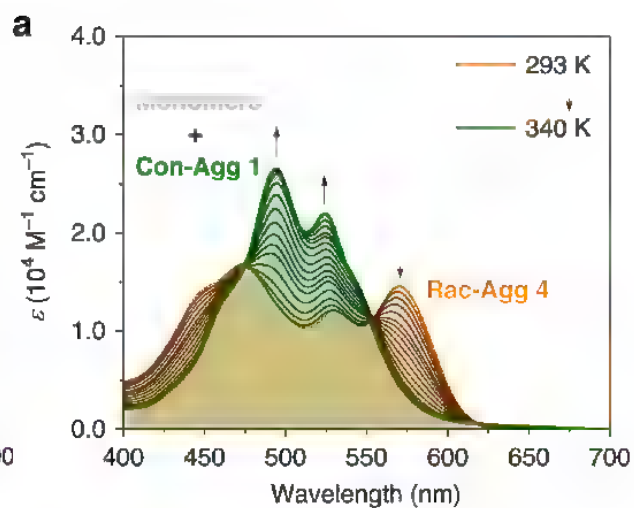
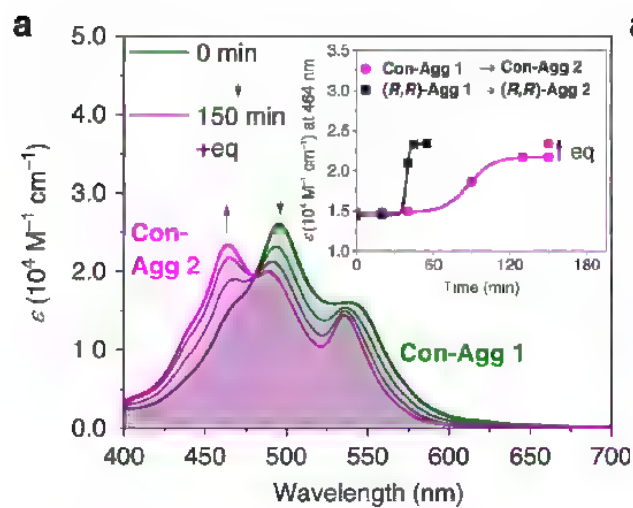
3-way loops (3WL)

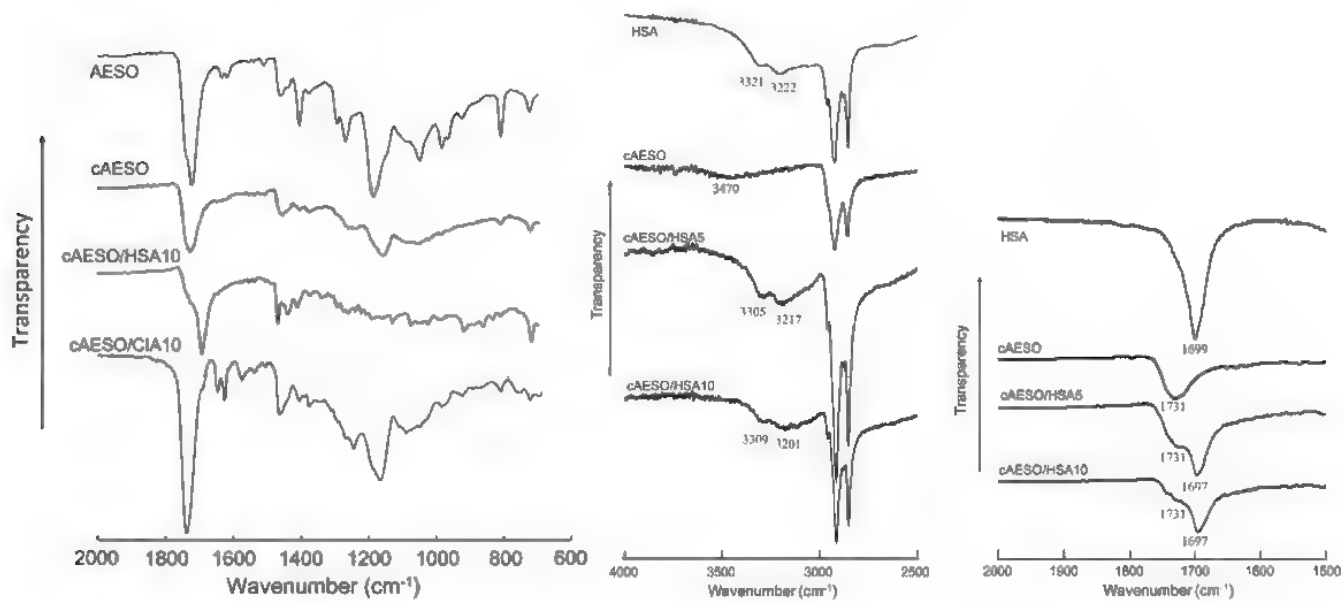
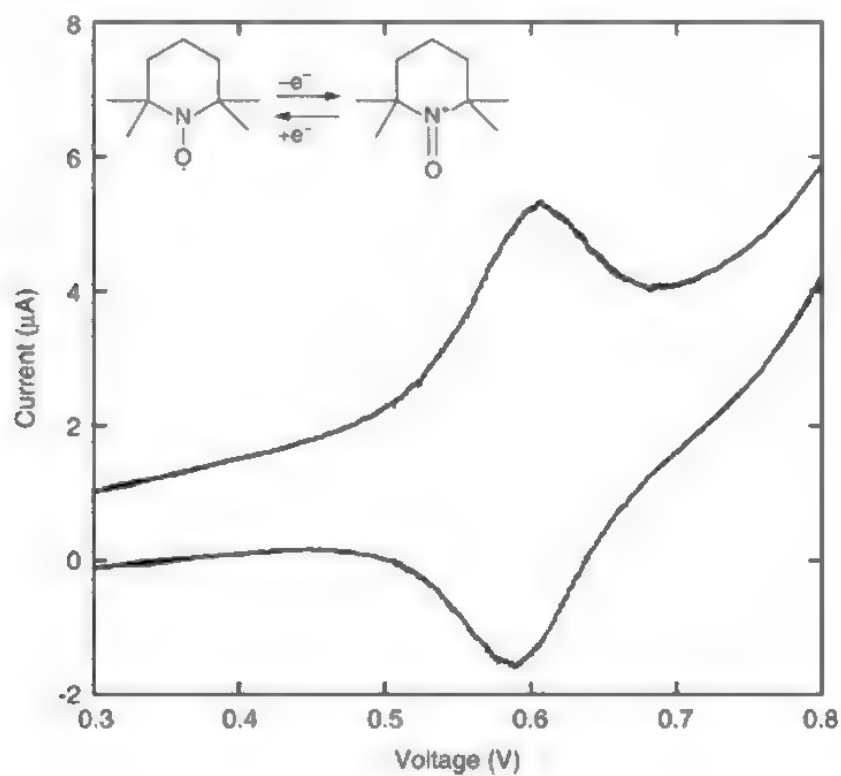
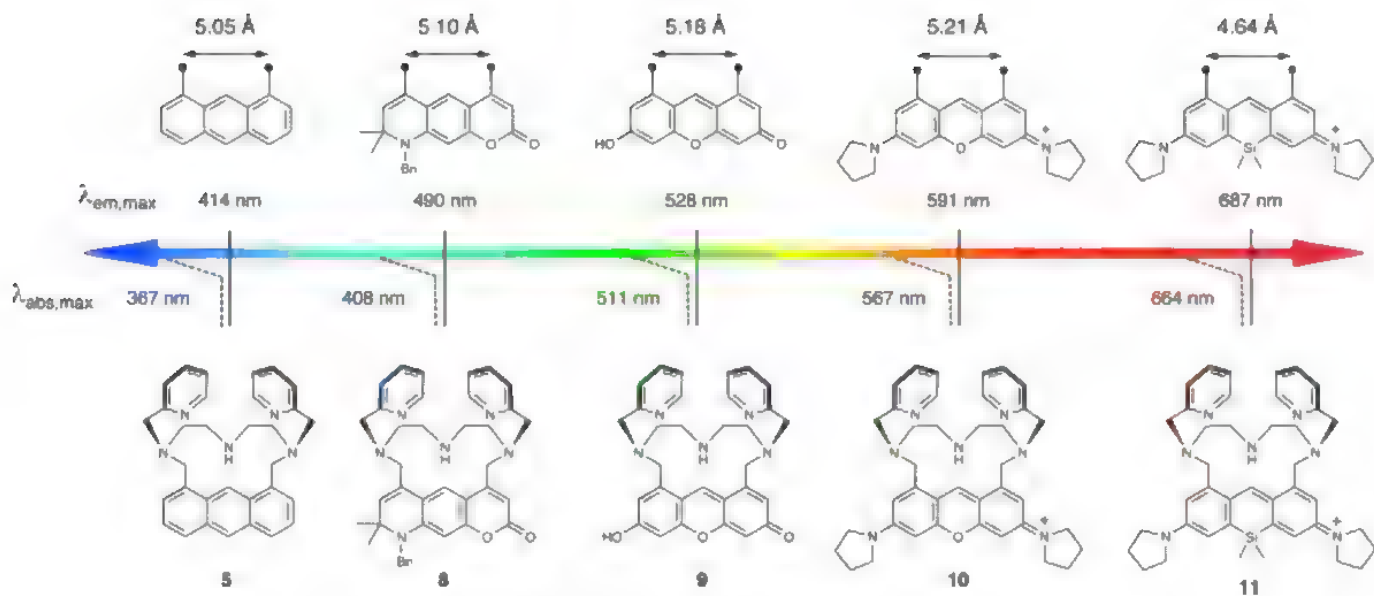


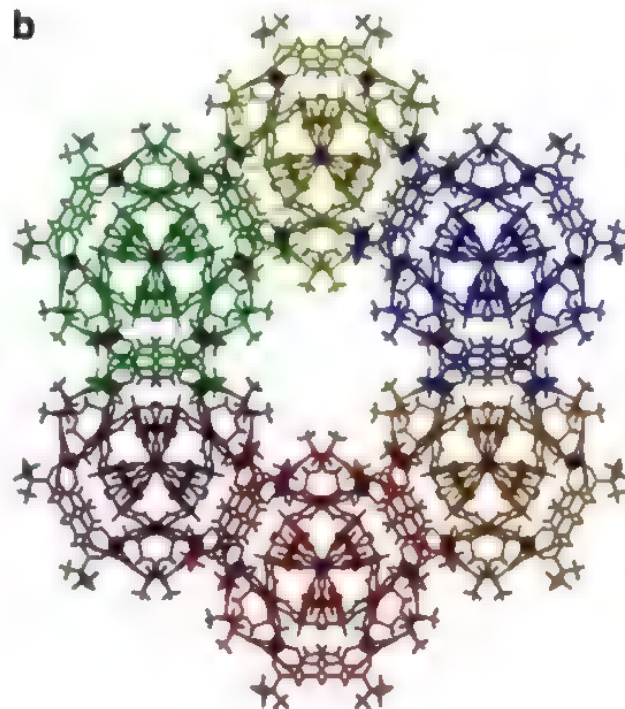
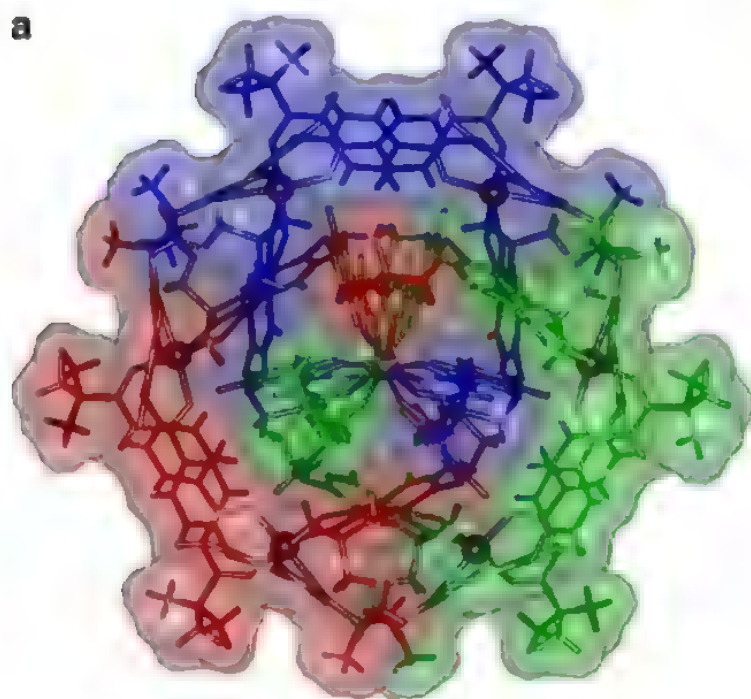
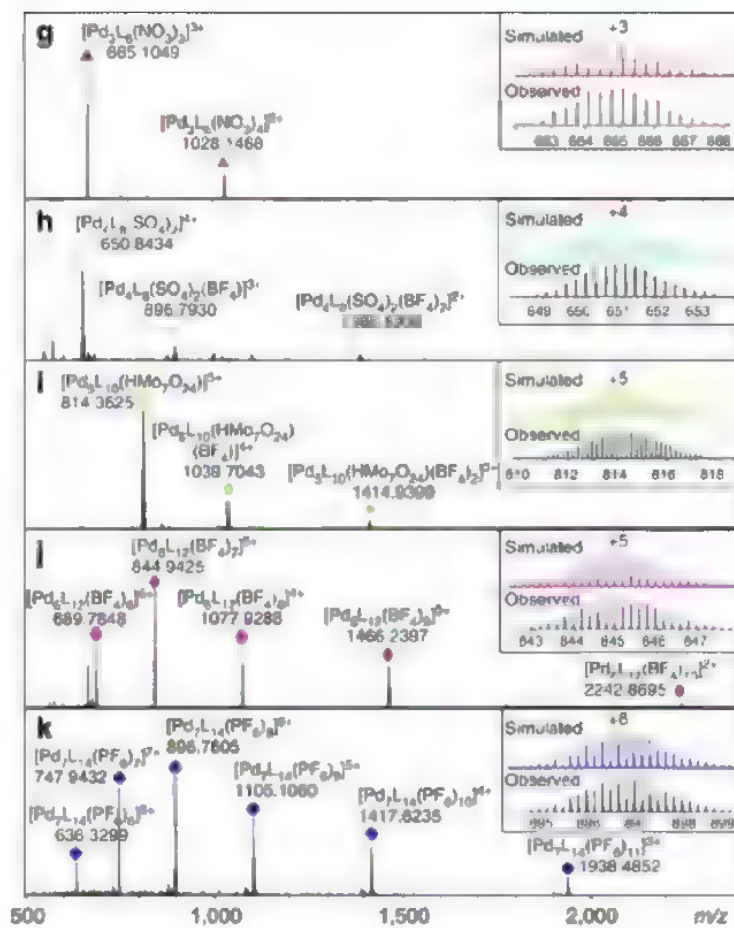
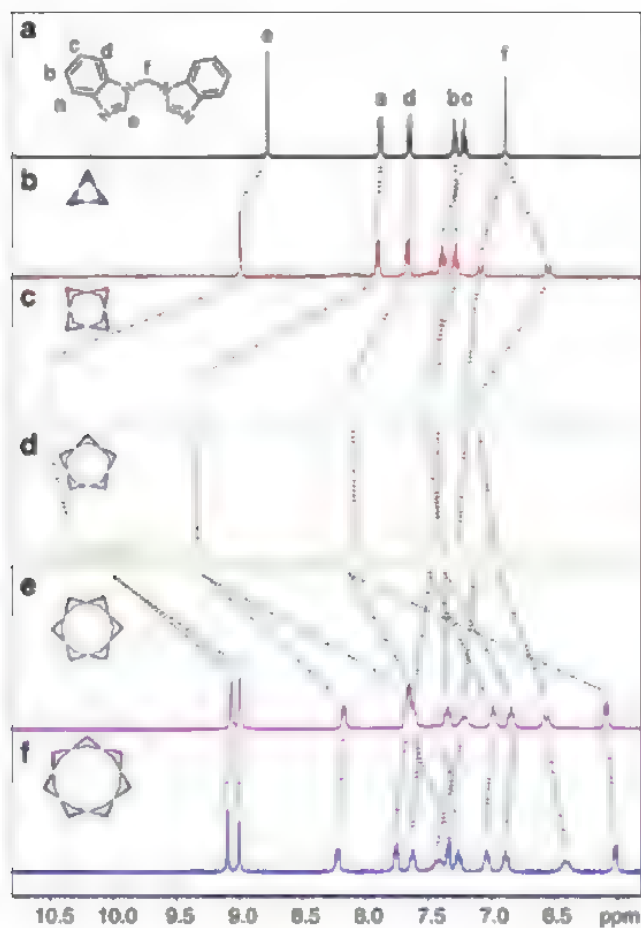


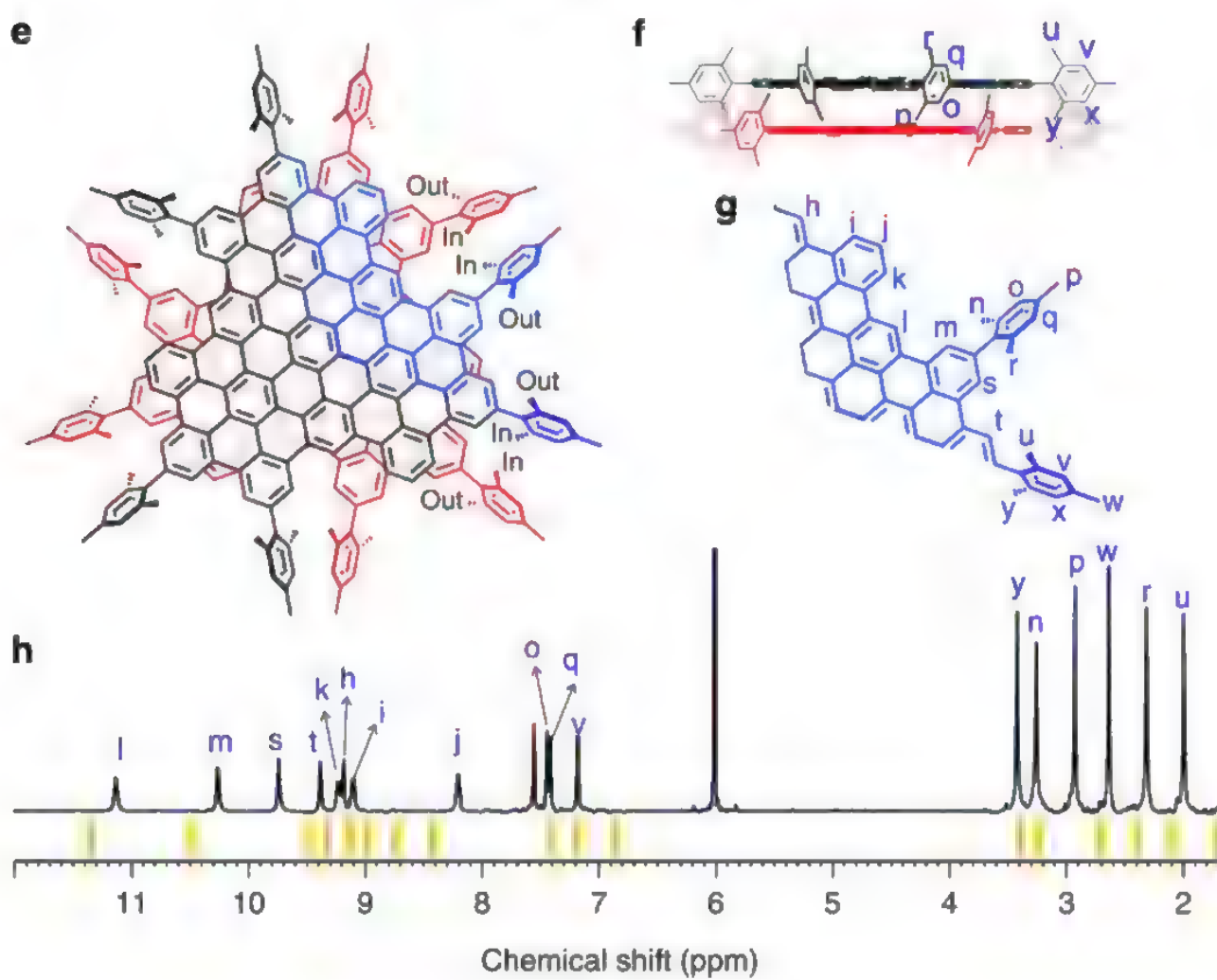
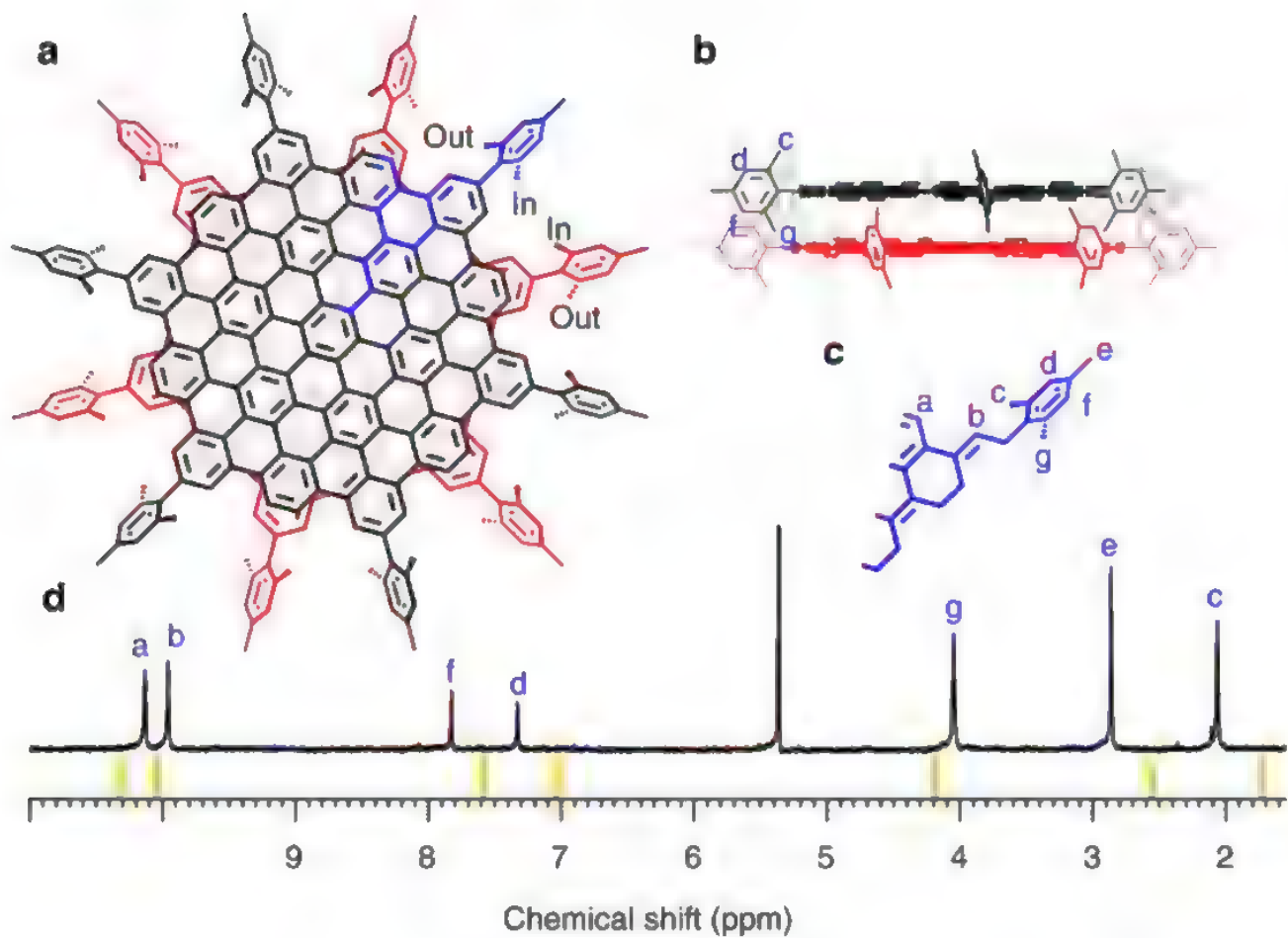


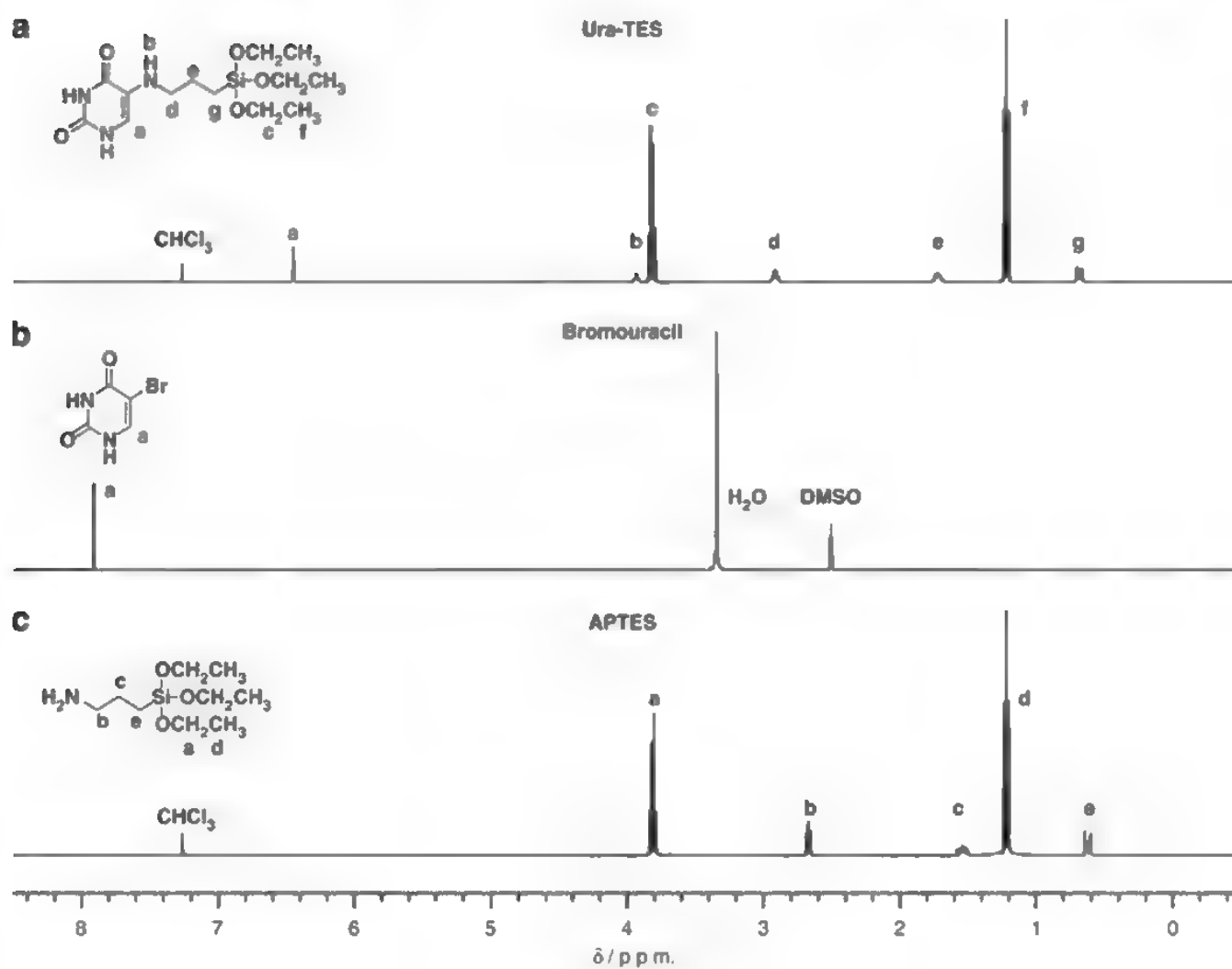
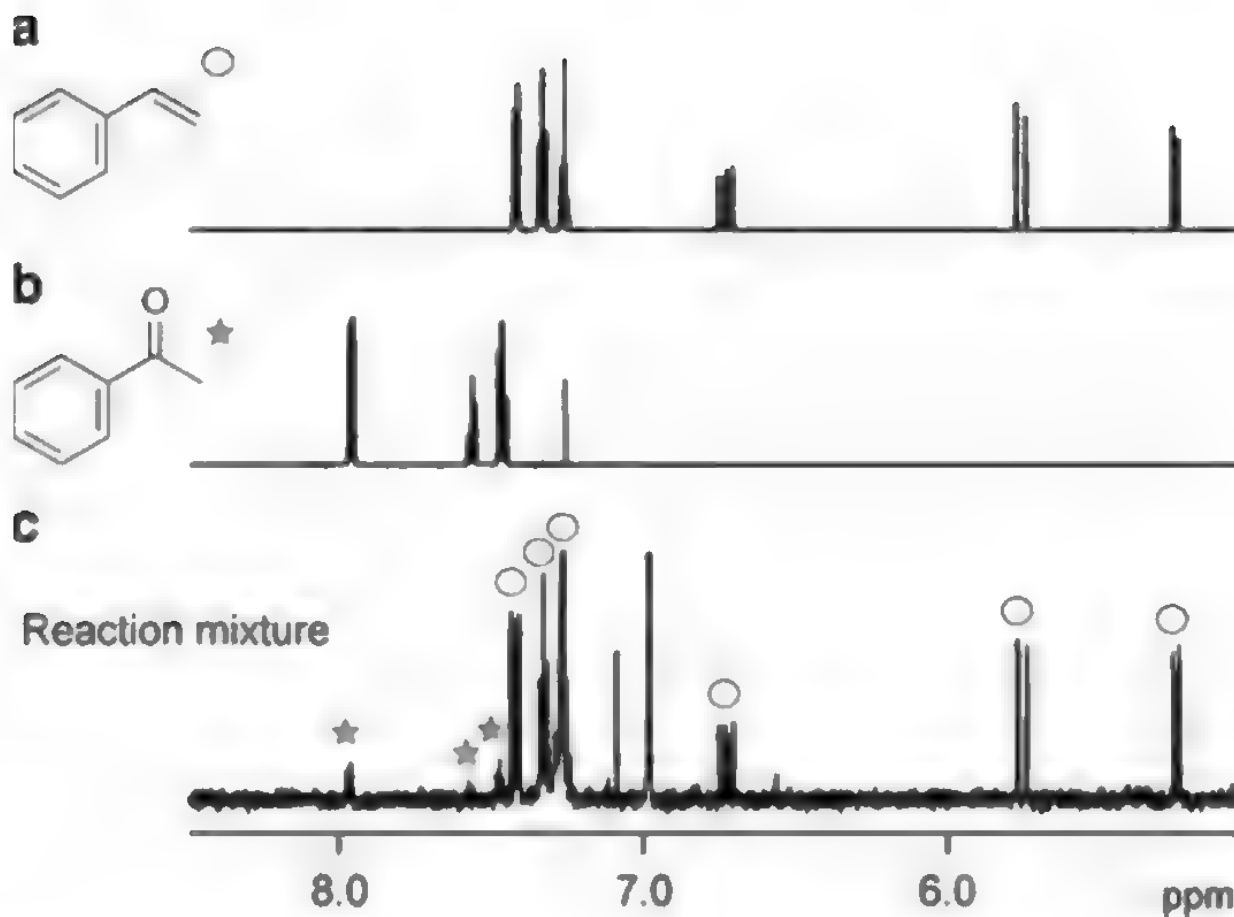


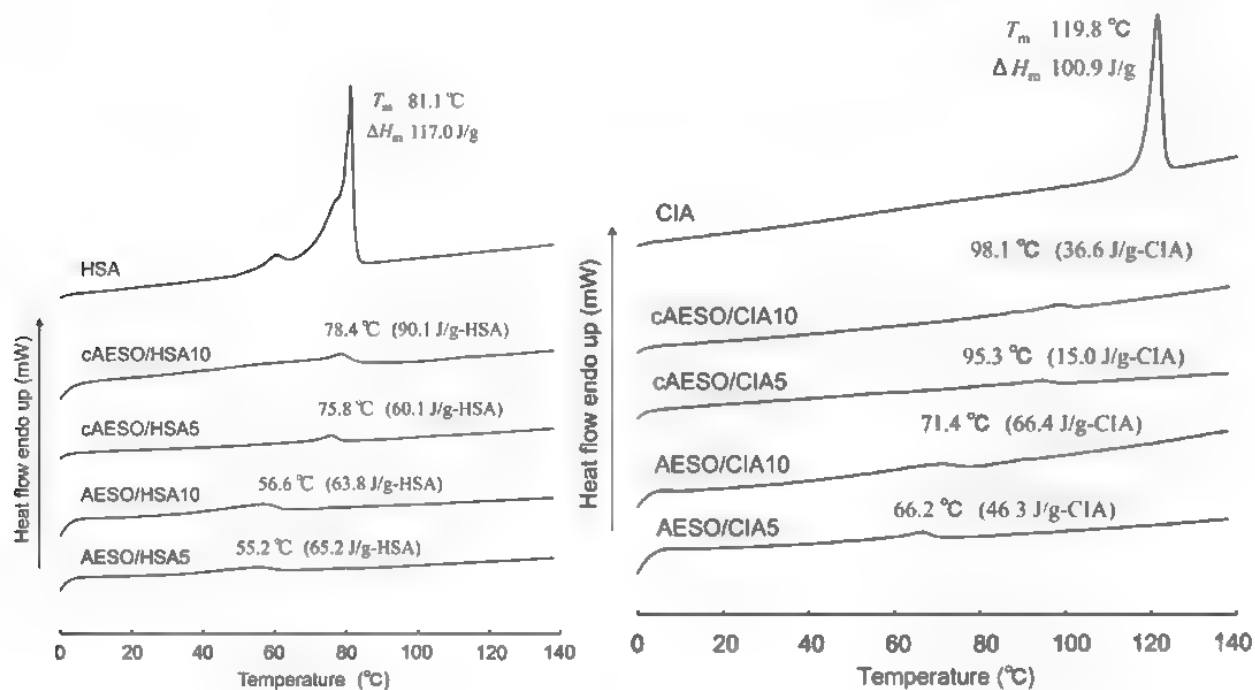
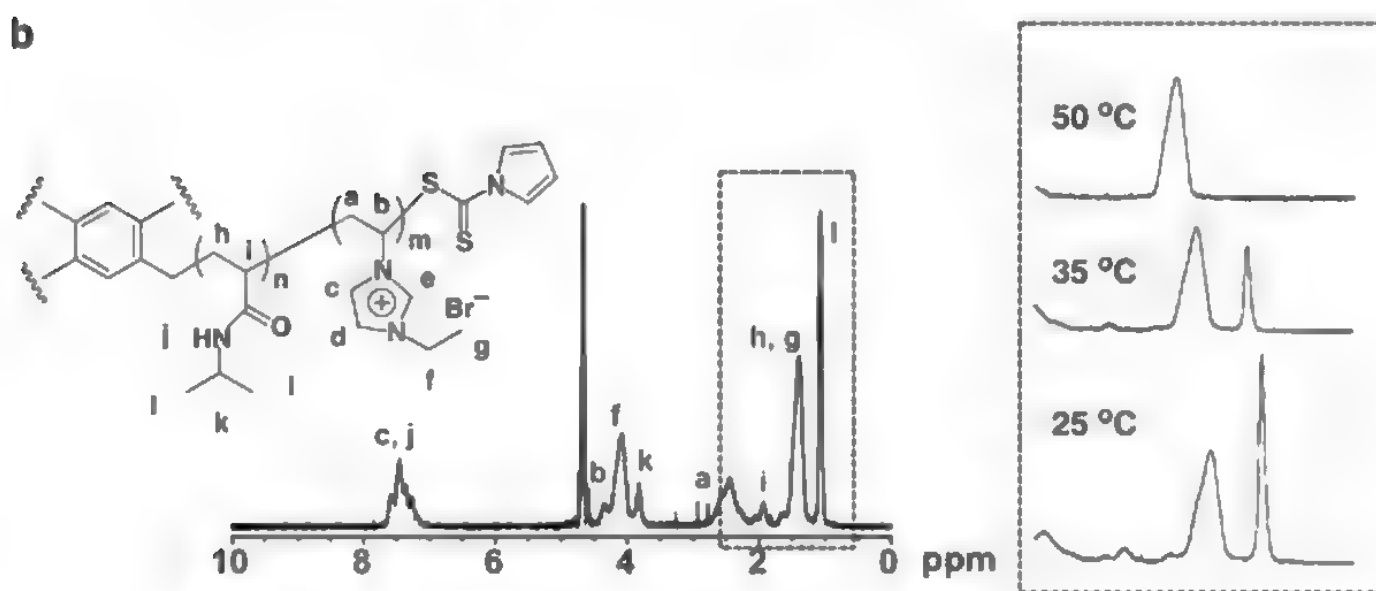
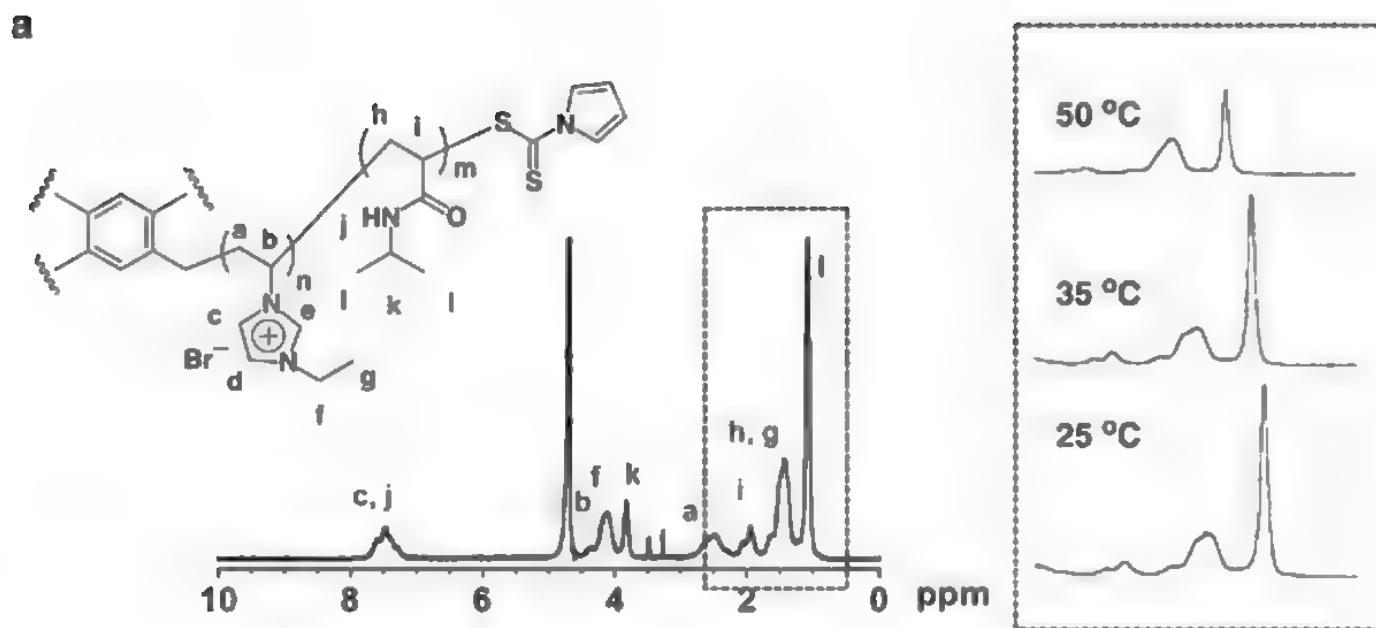


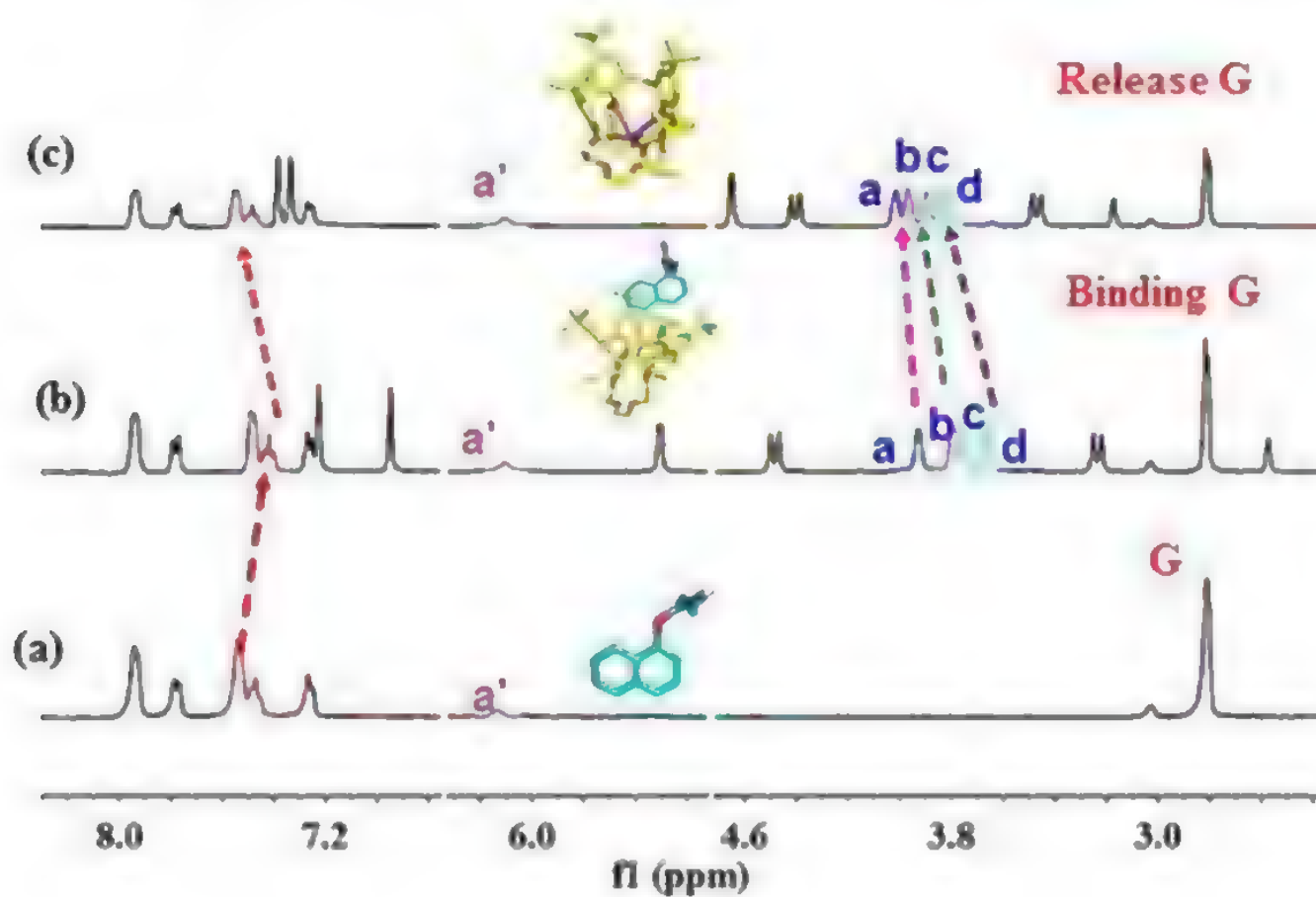
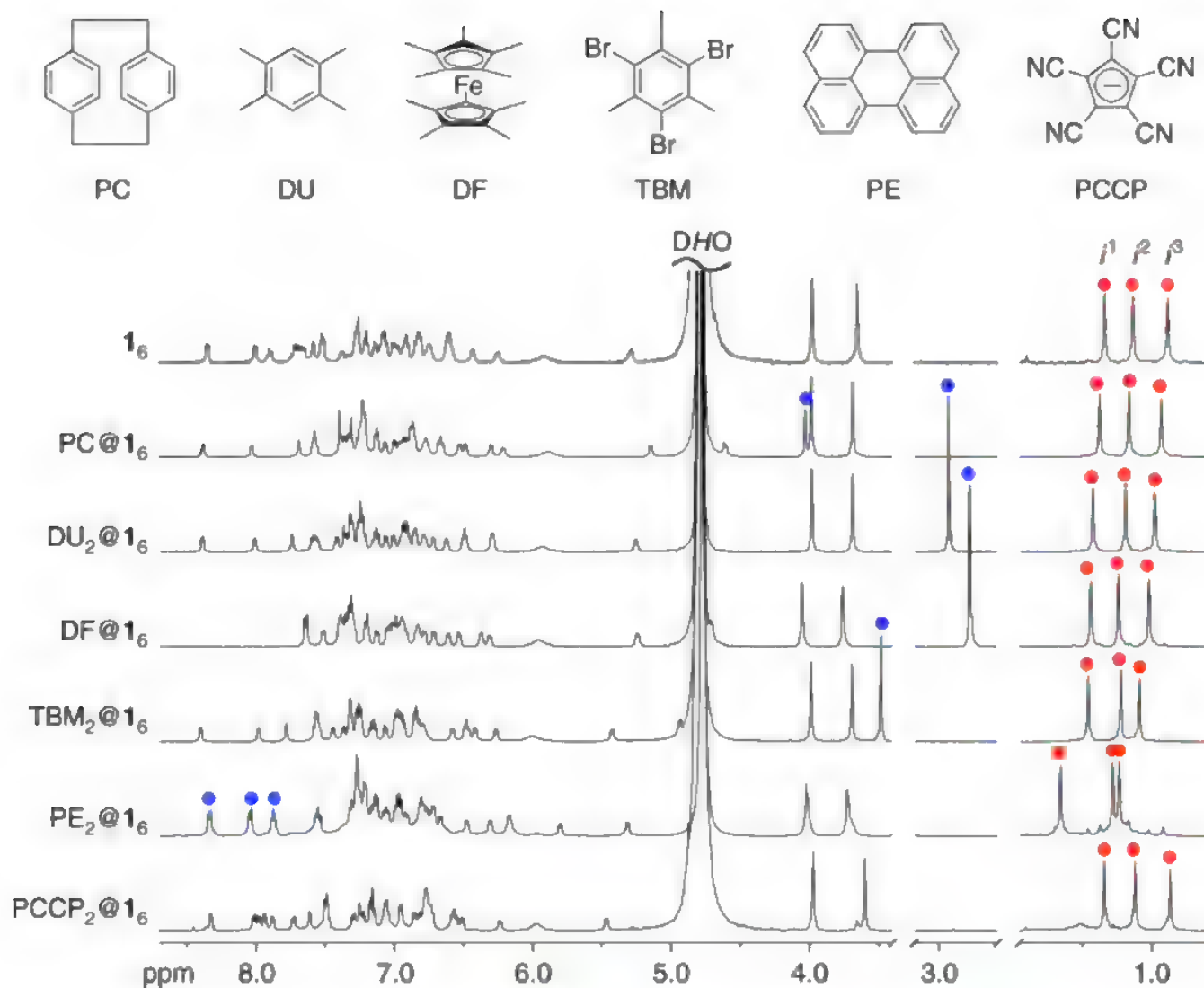


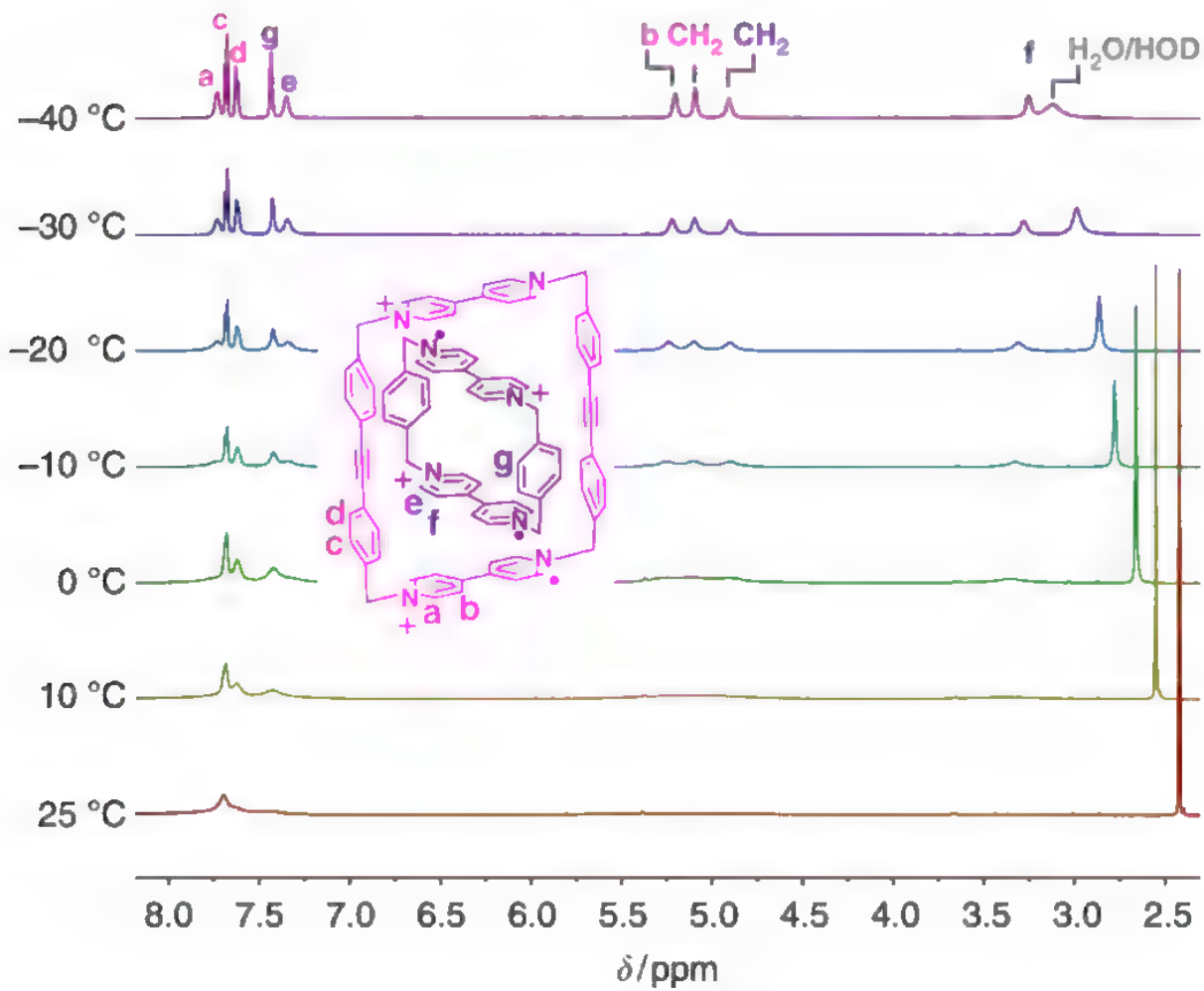
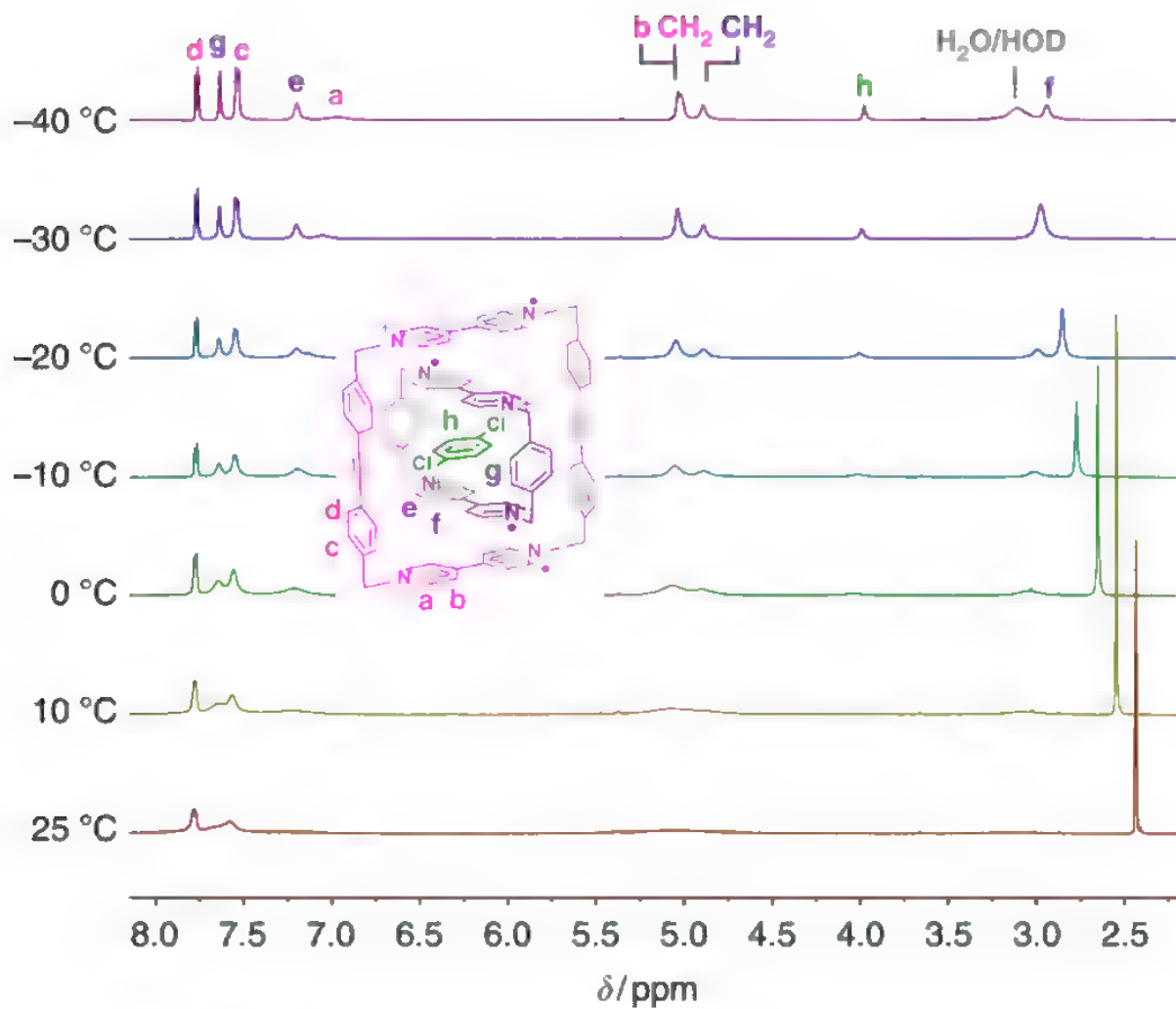


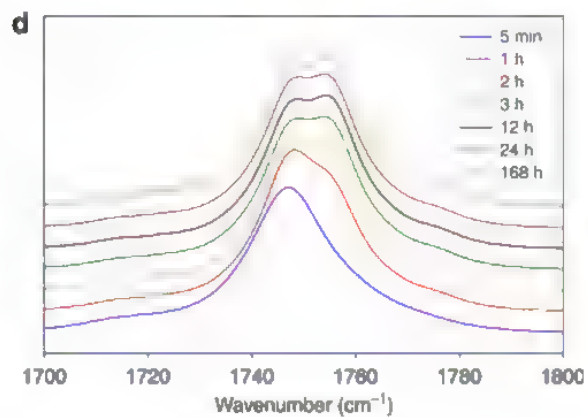
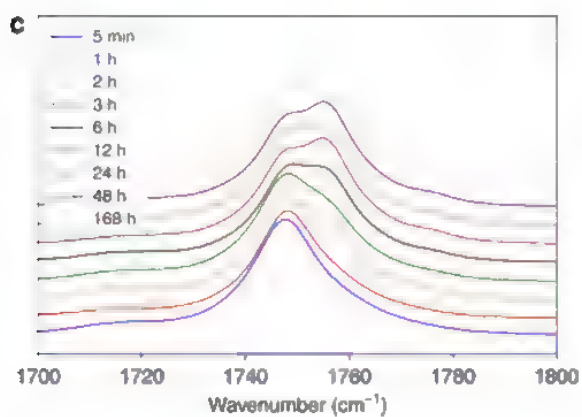
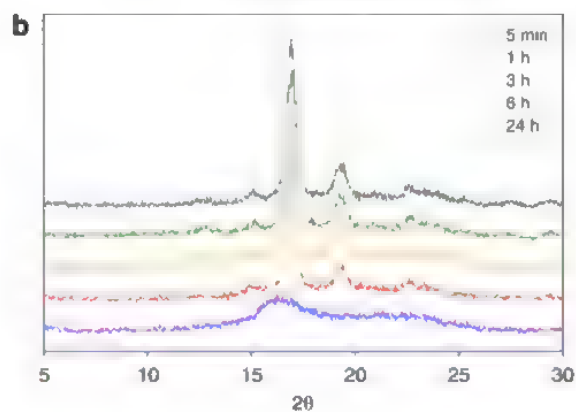
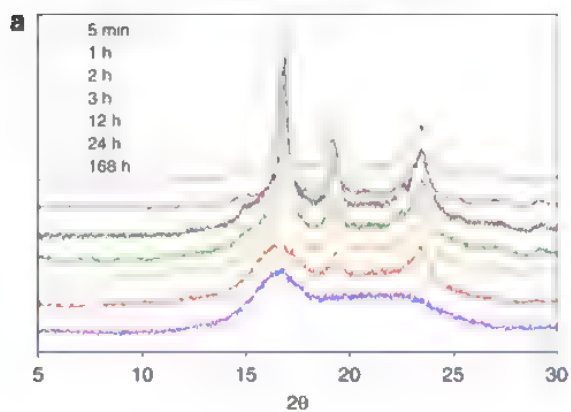
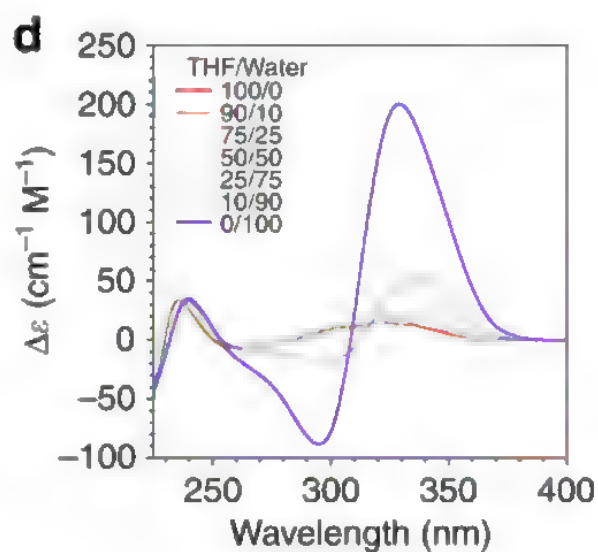
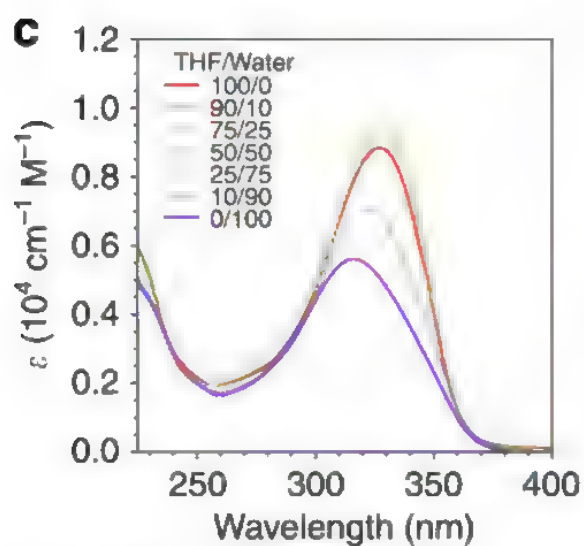
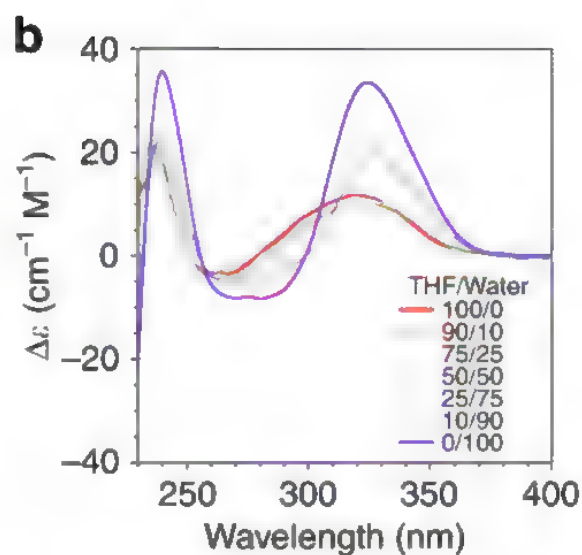
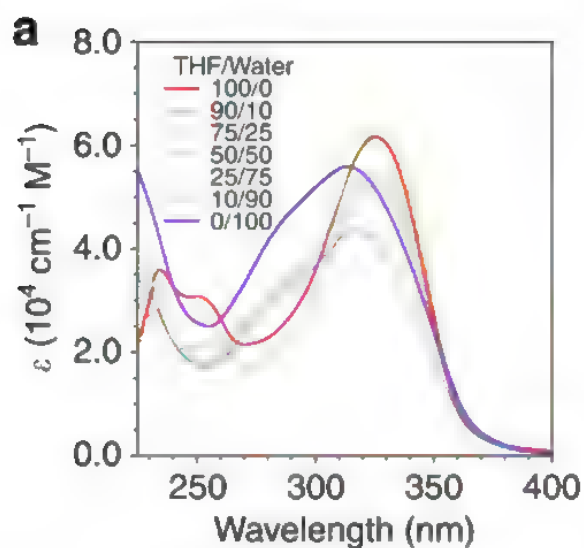


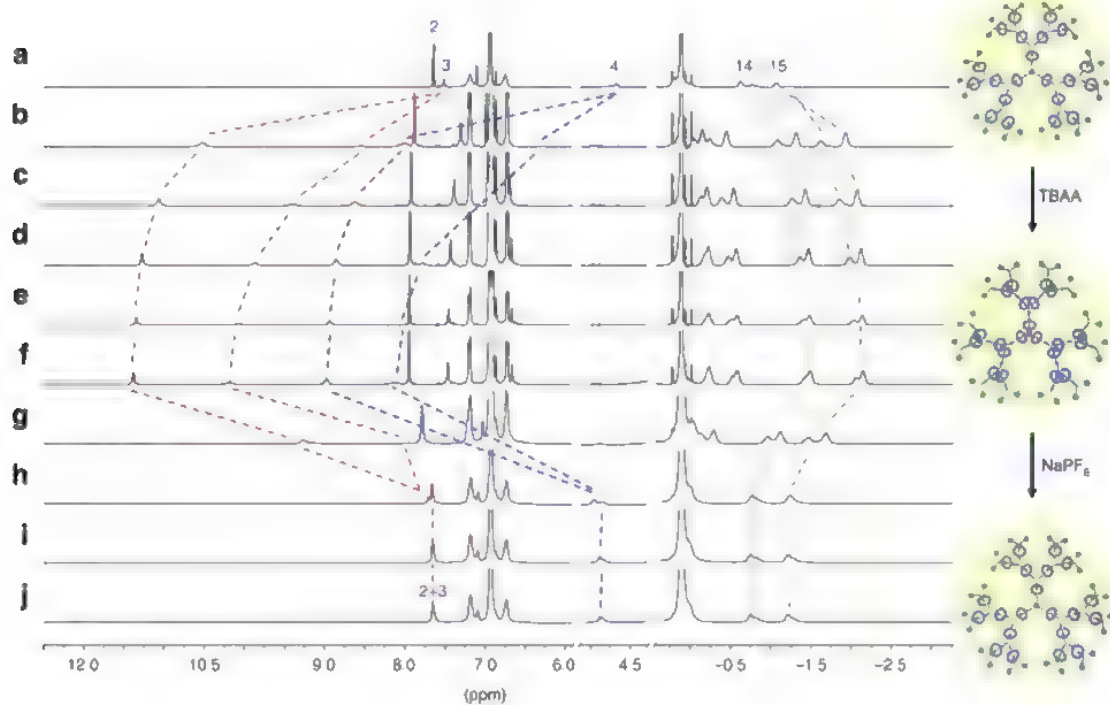
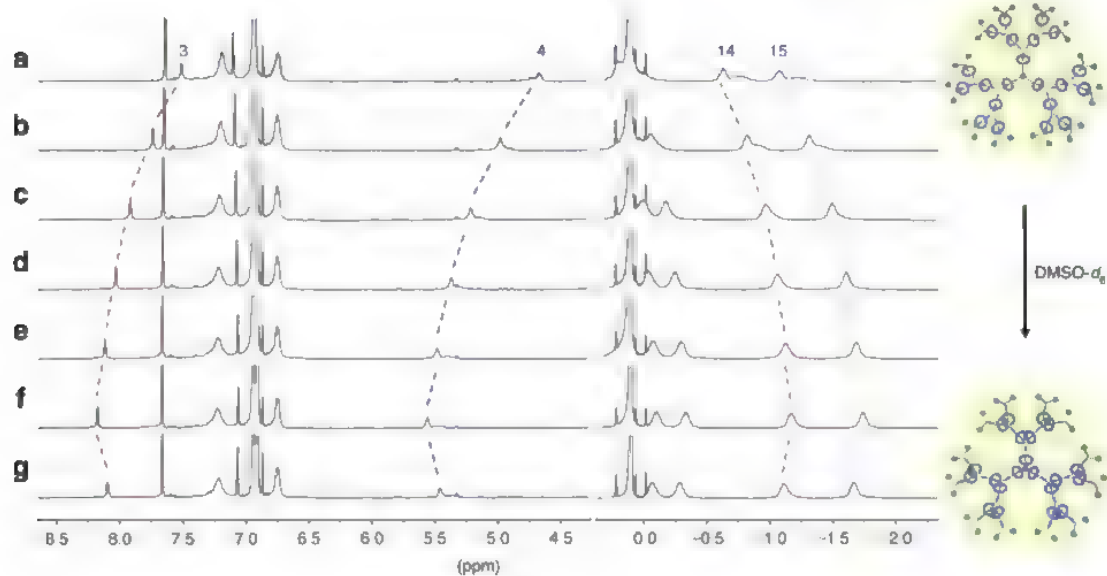
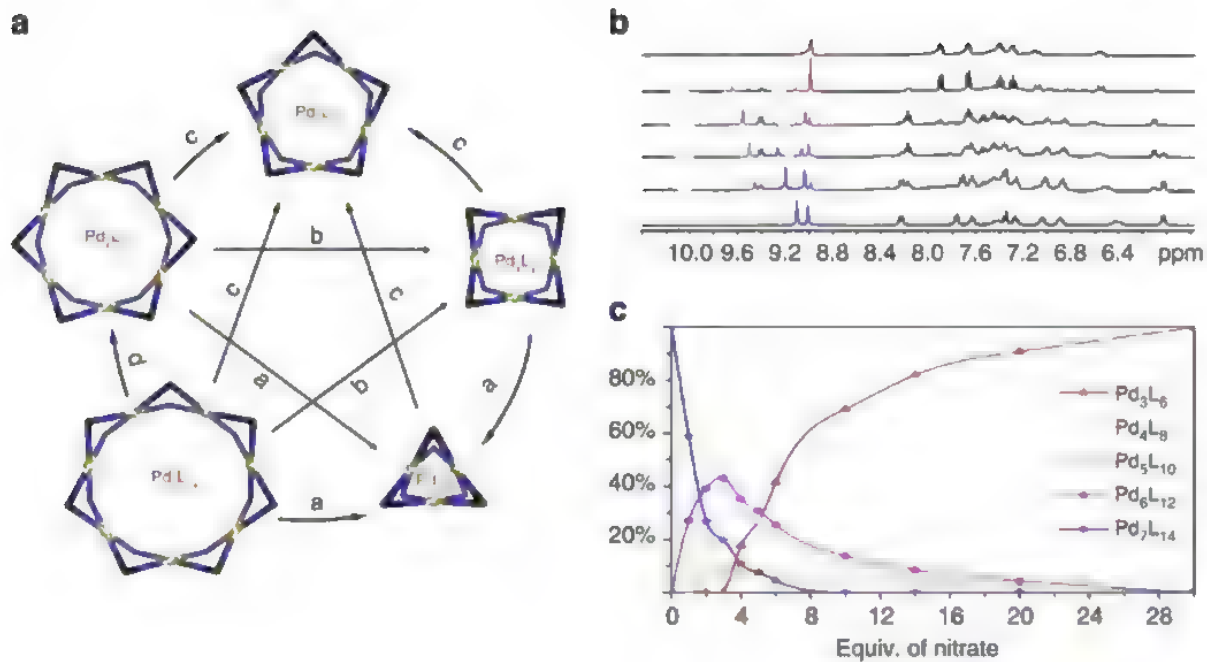


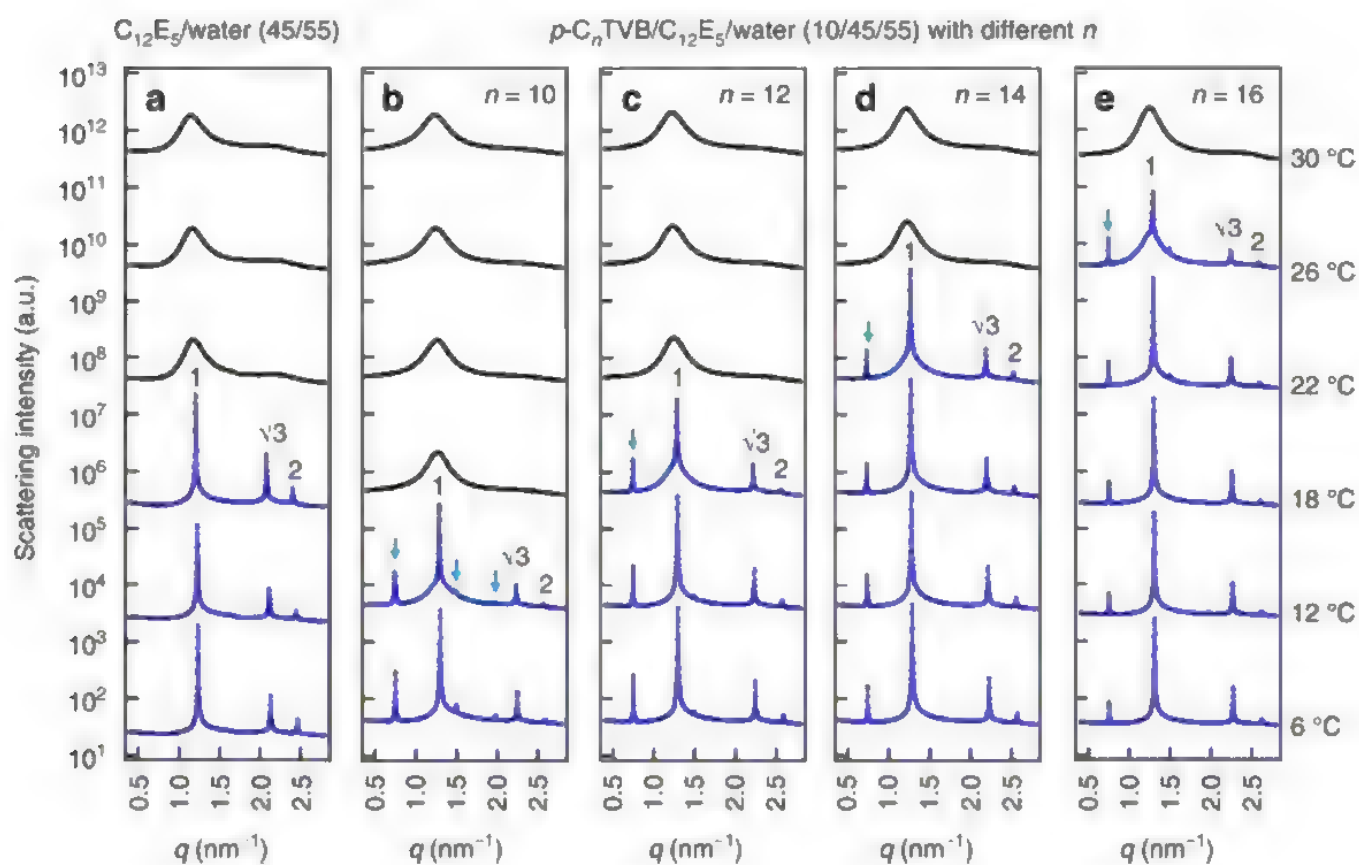
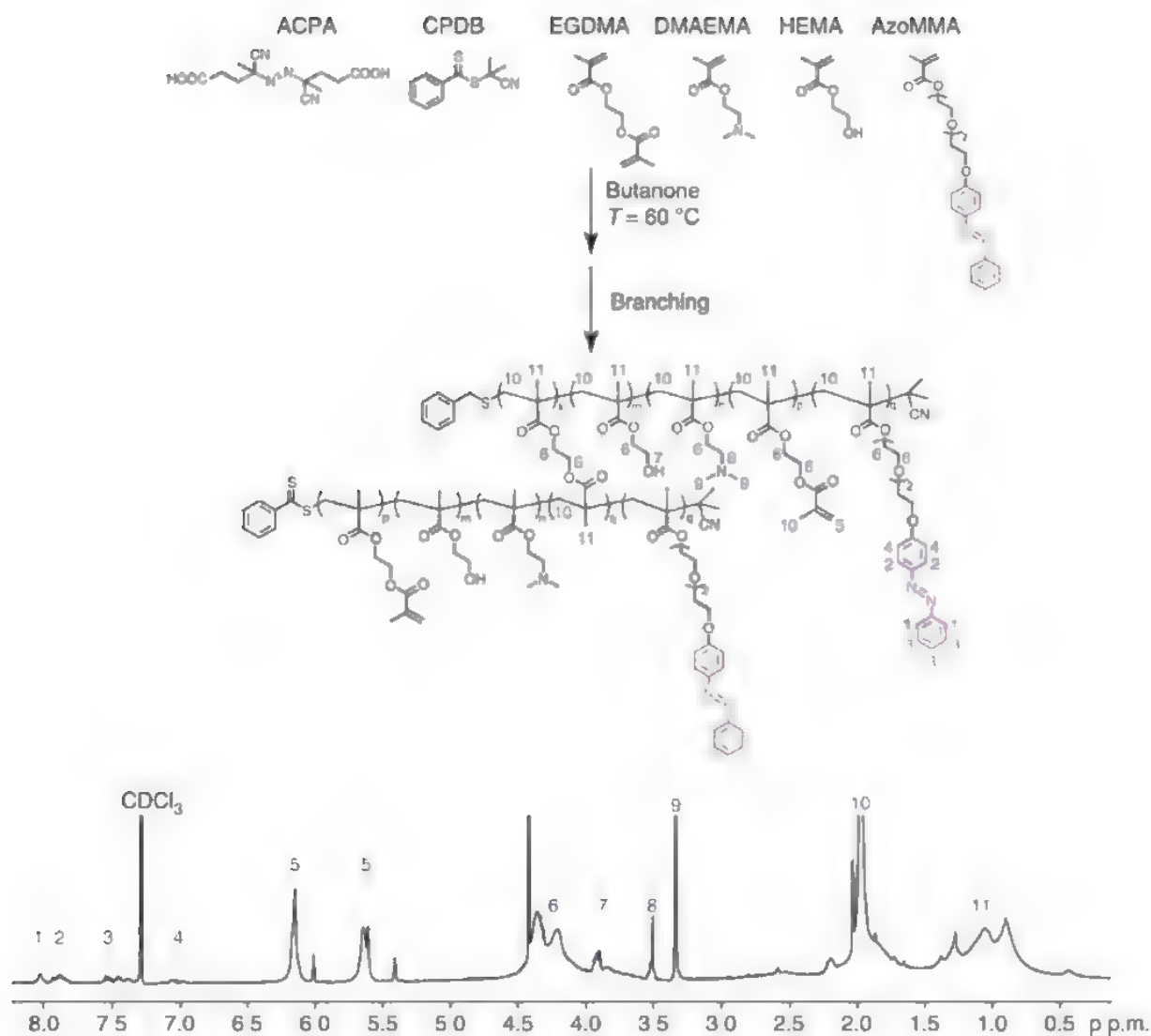


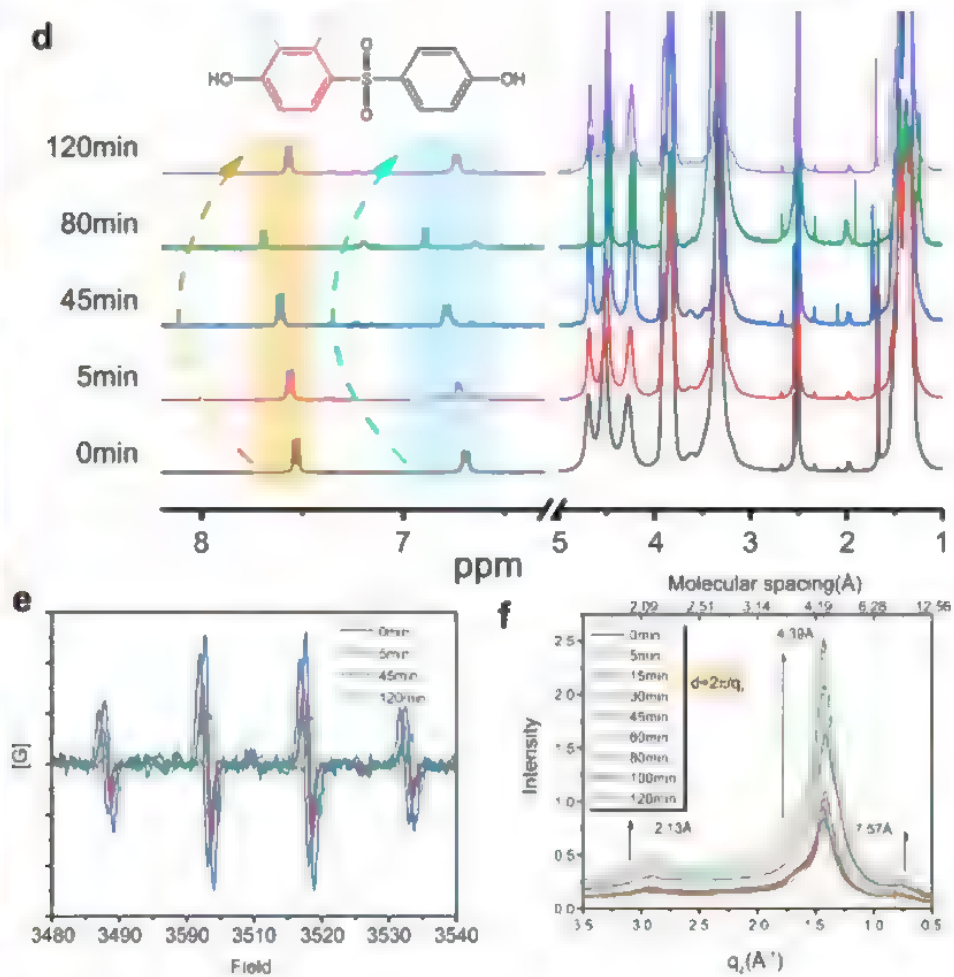
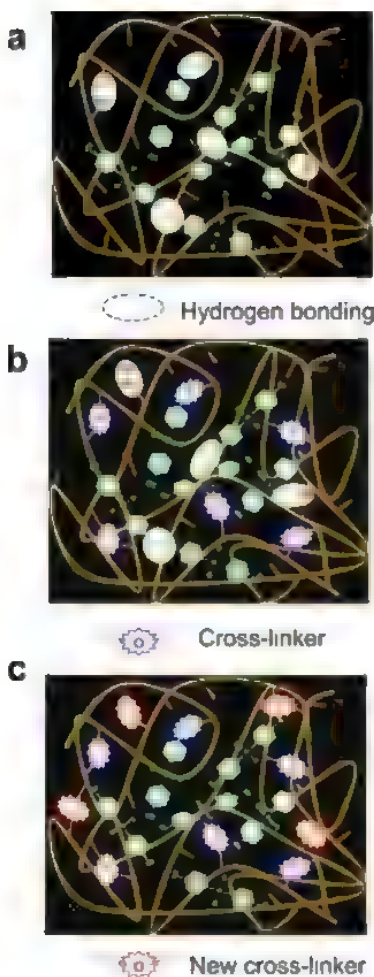
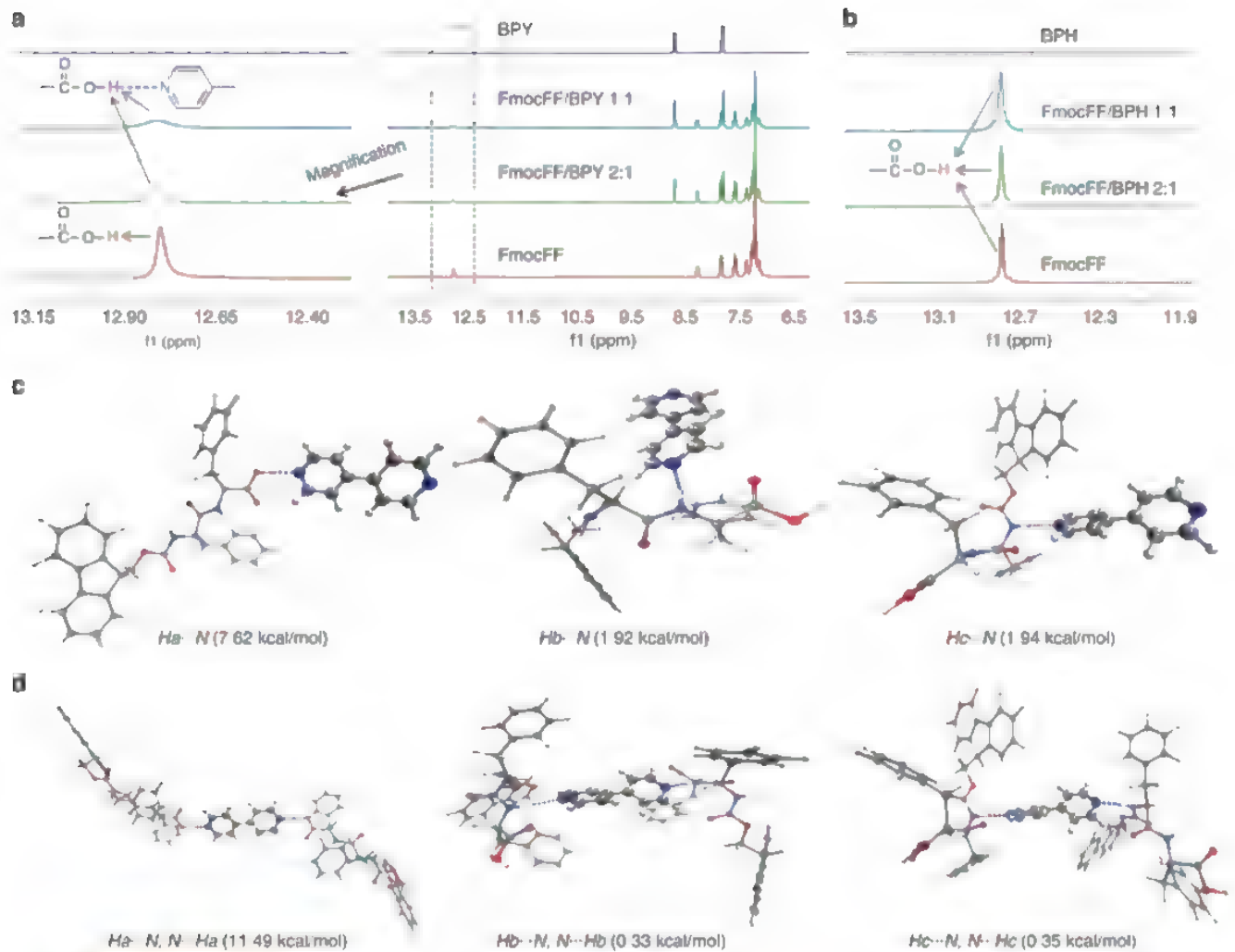


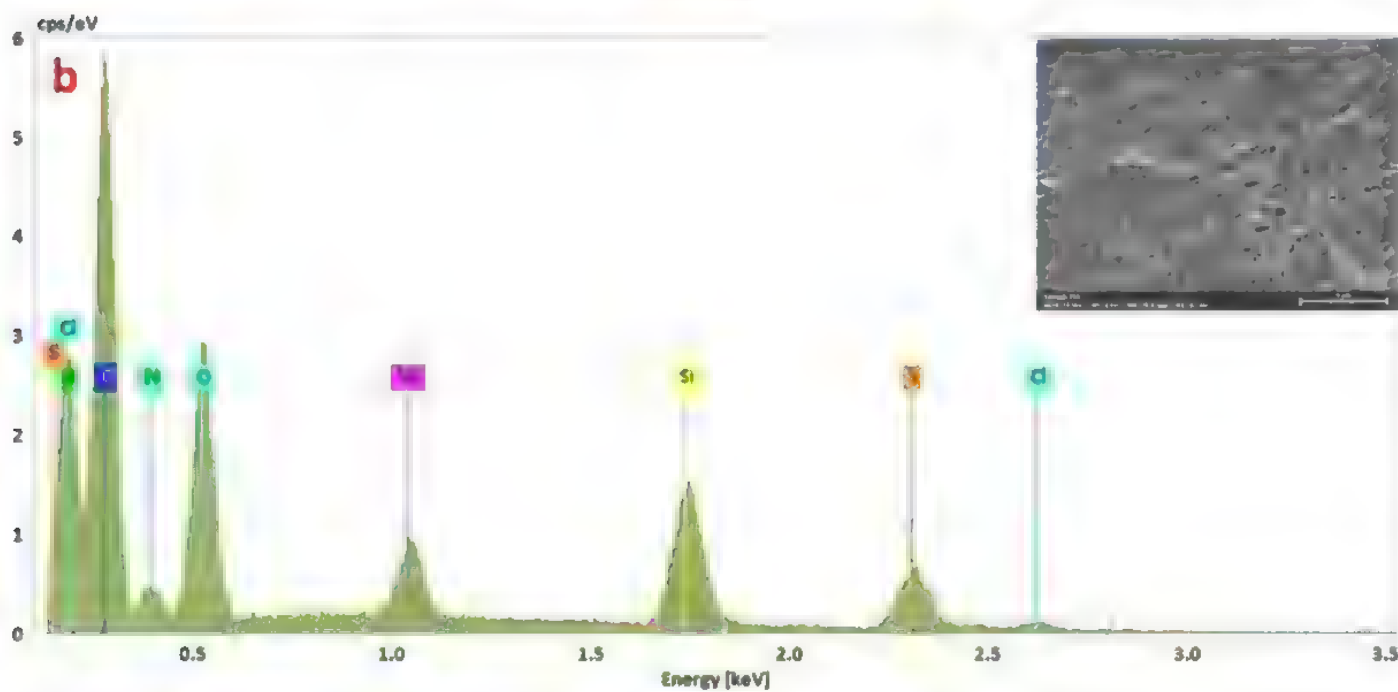
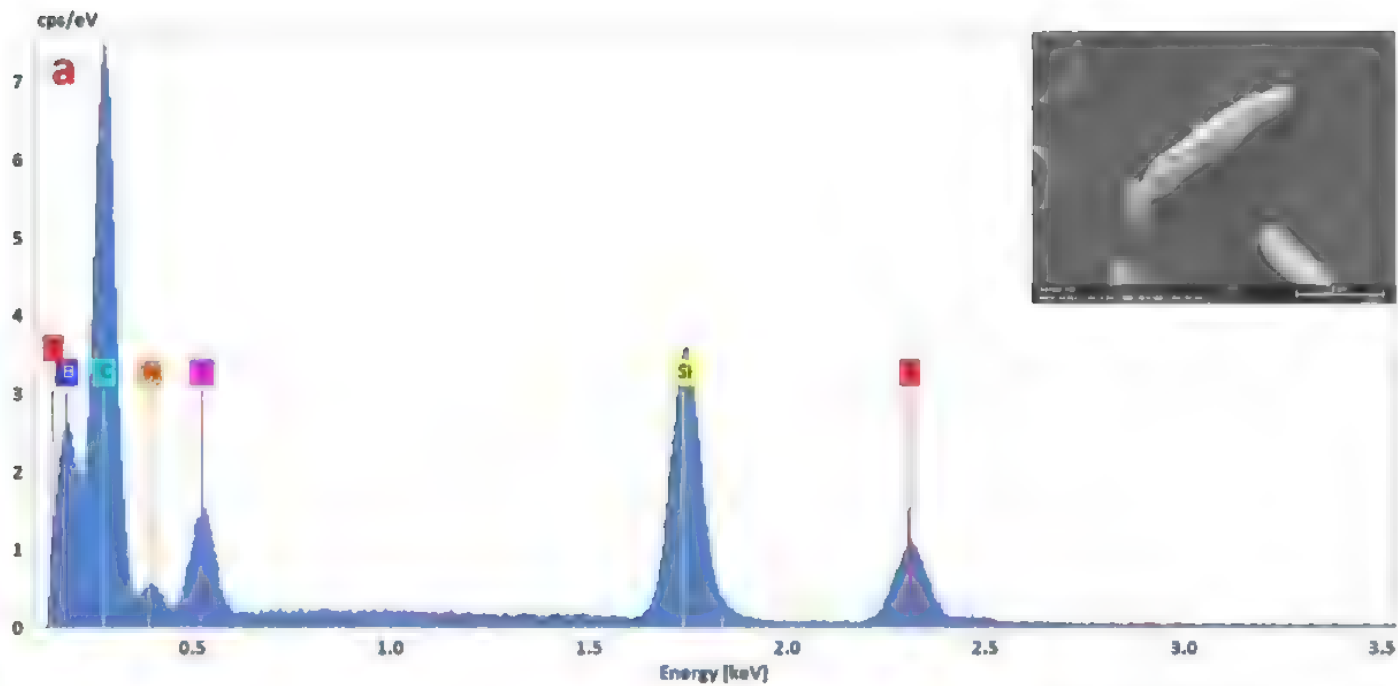


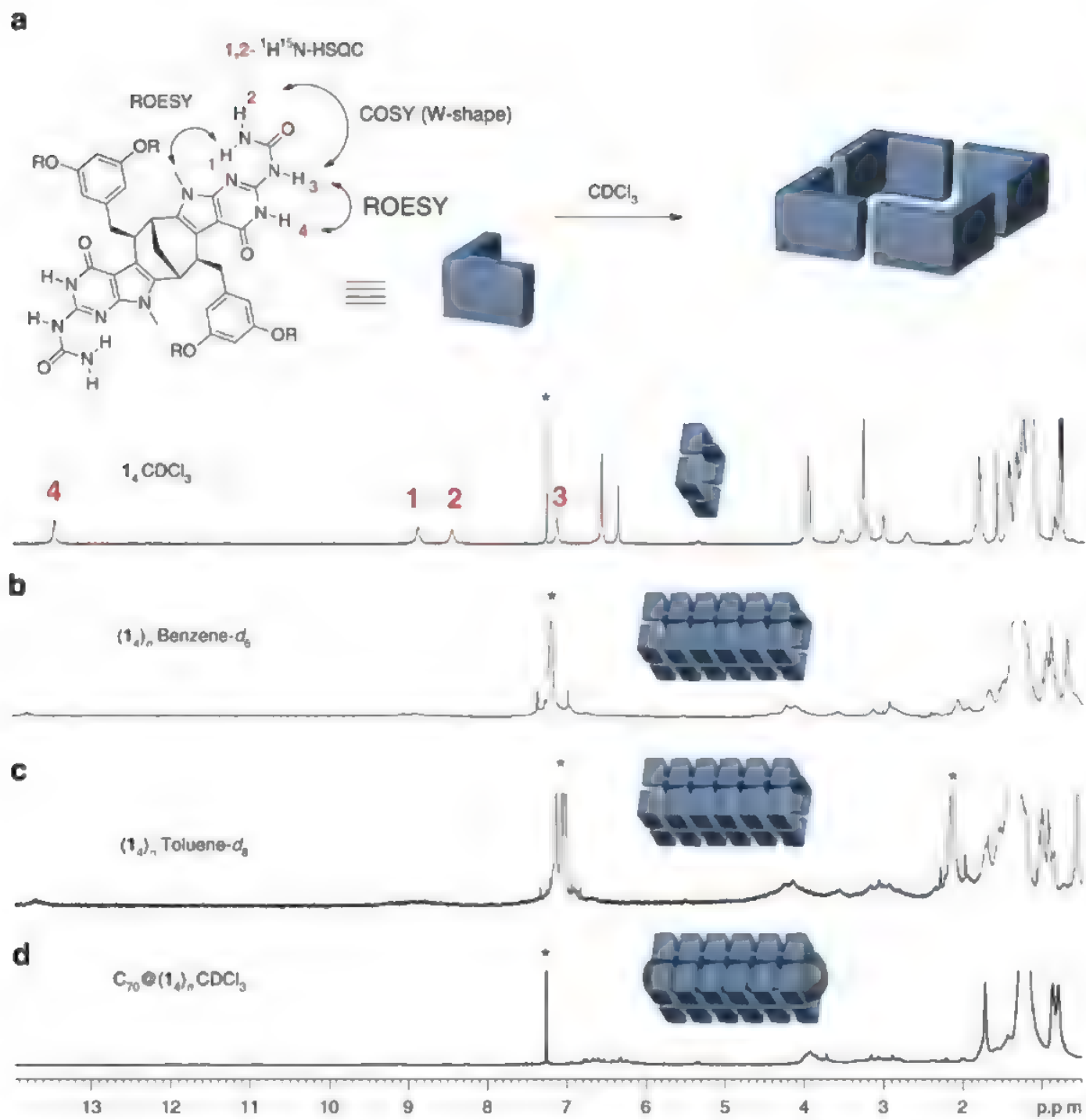




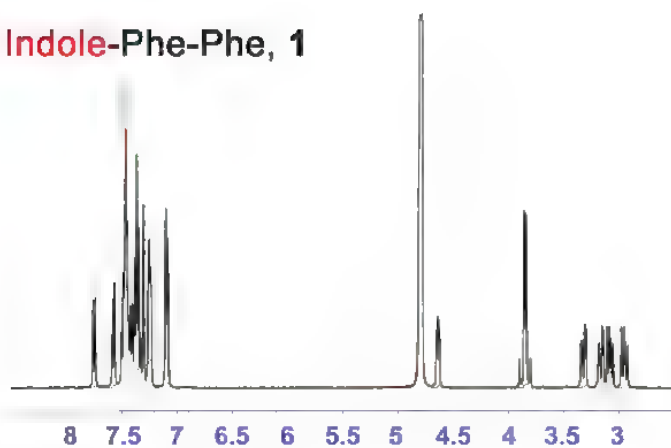




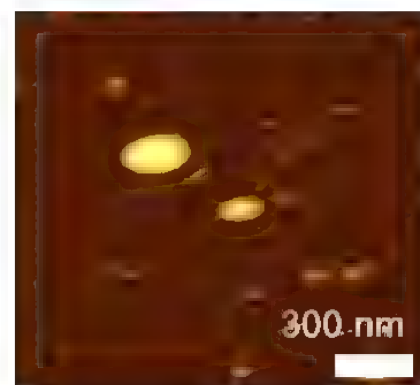




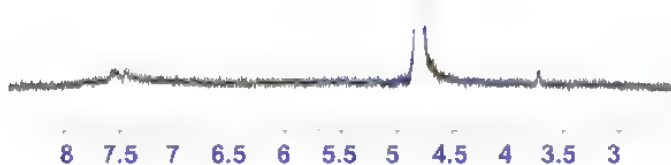
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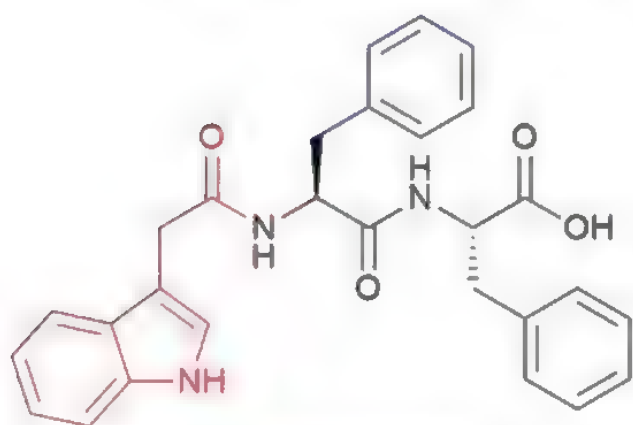
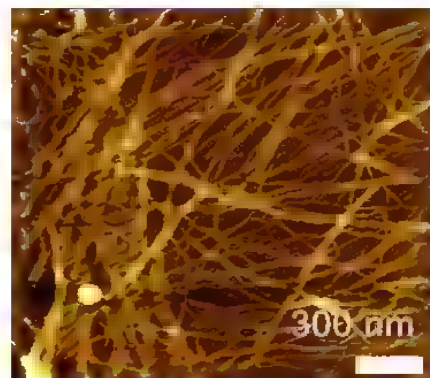
c) Indole-Phe-Phe, 1



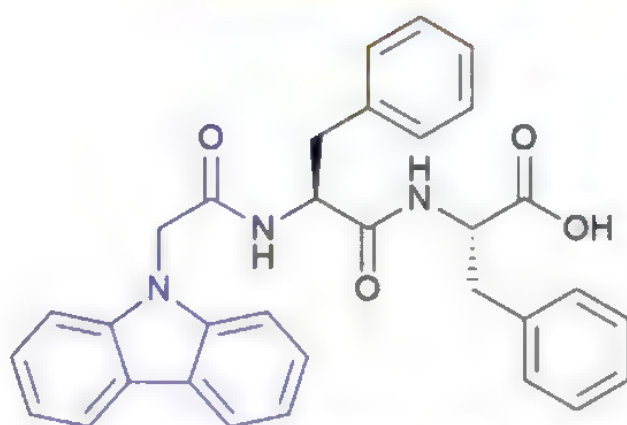
b) Carbazole-Phe-Phe, 2



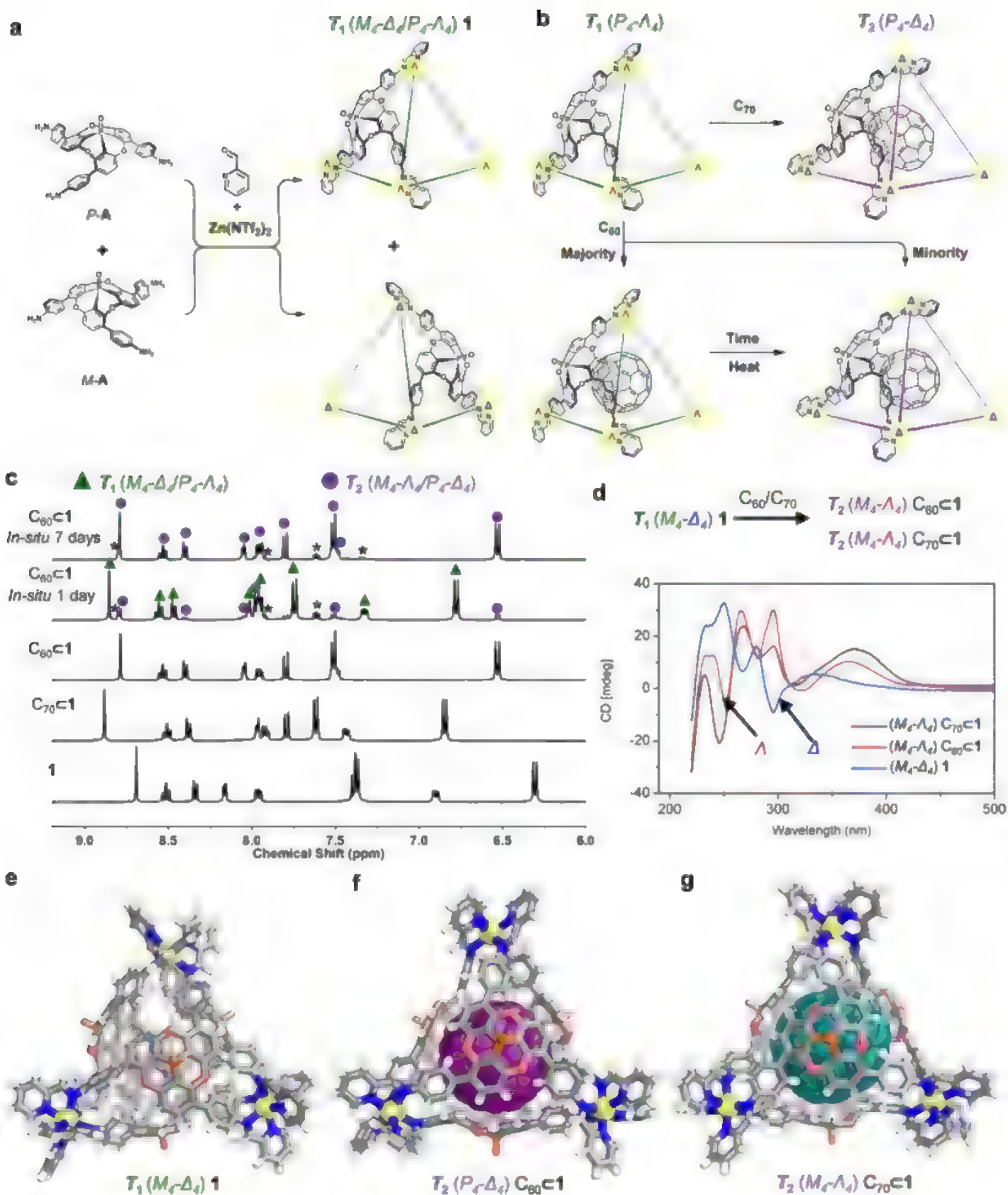
d) Carbazole-Phe-Phe, 2

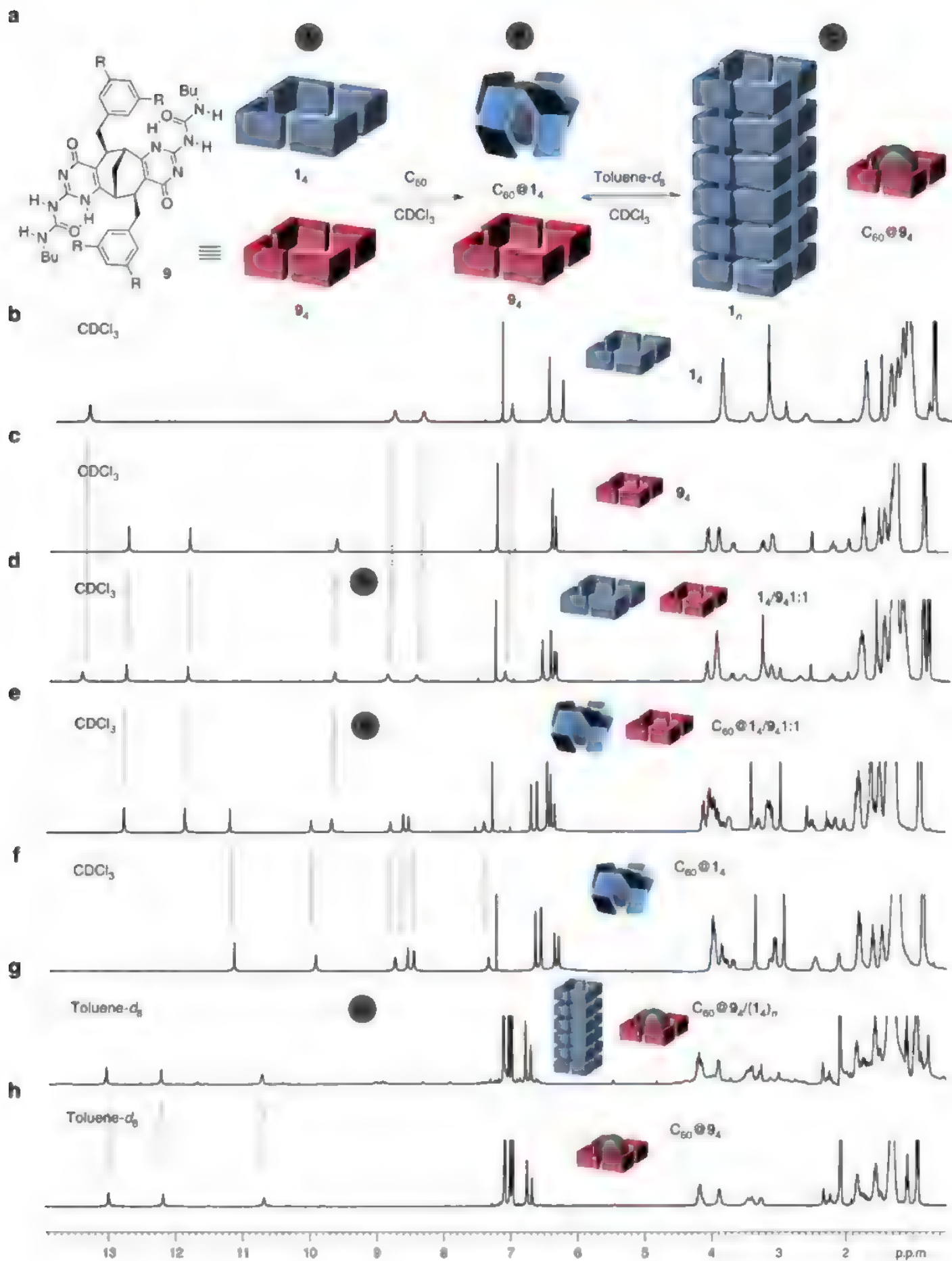


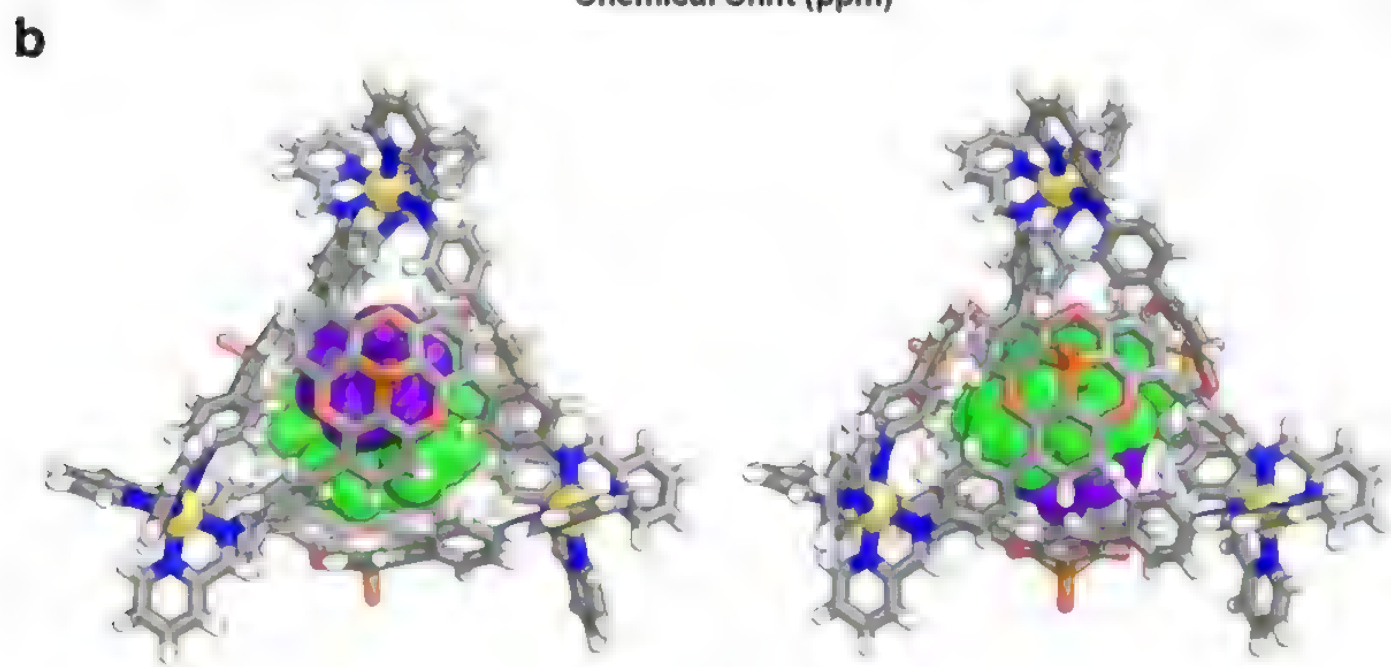
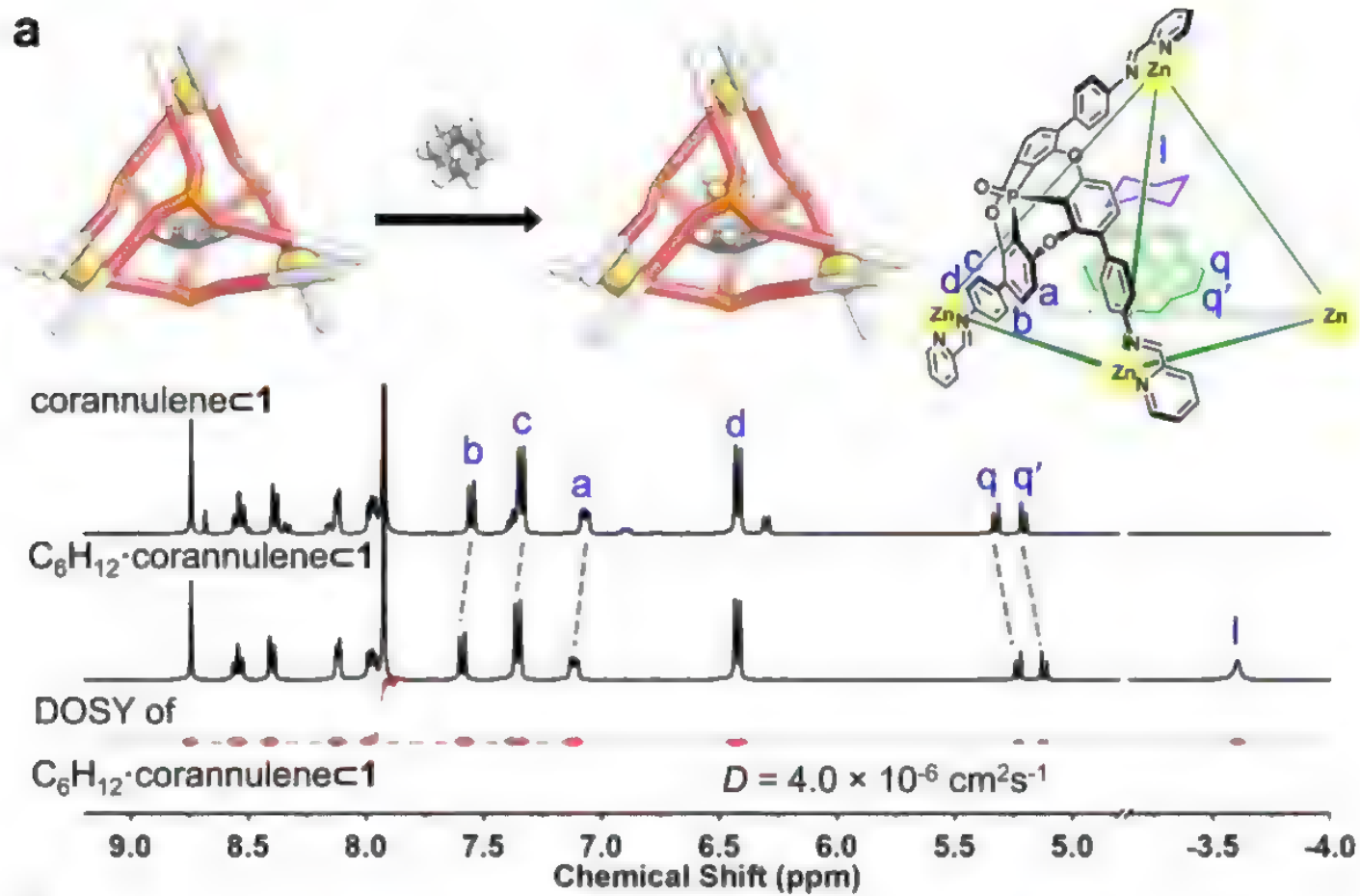
Indole-Phe-Phe, 1

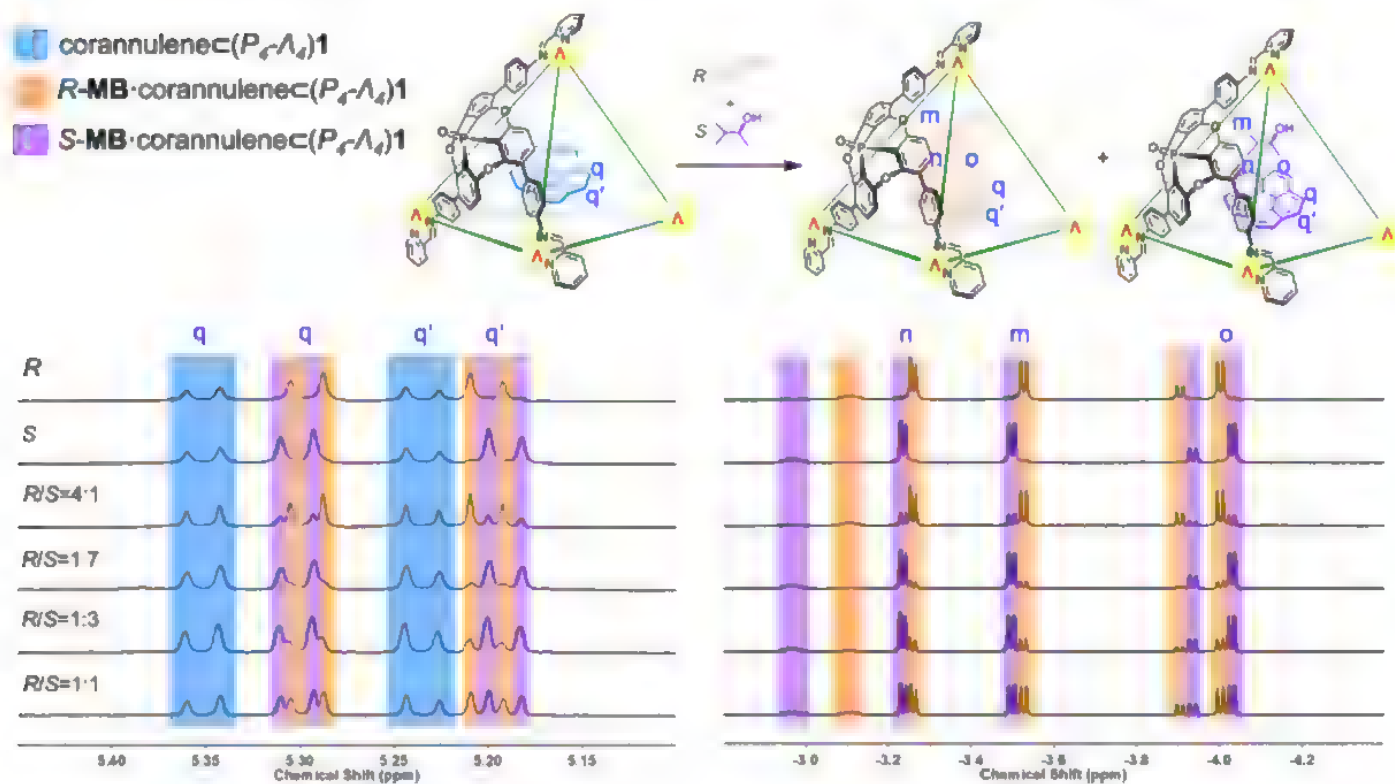
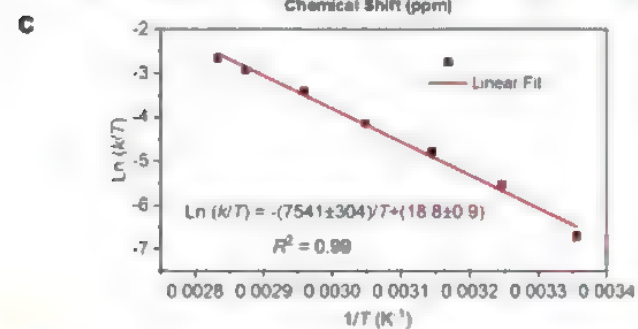
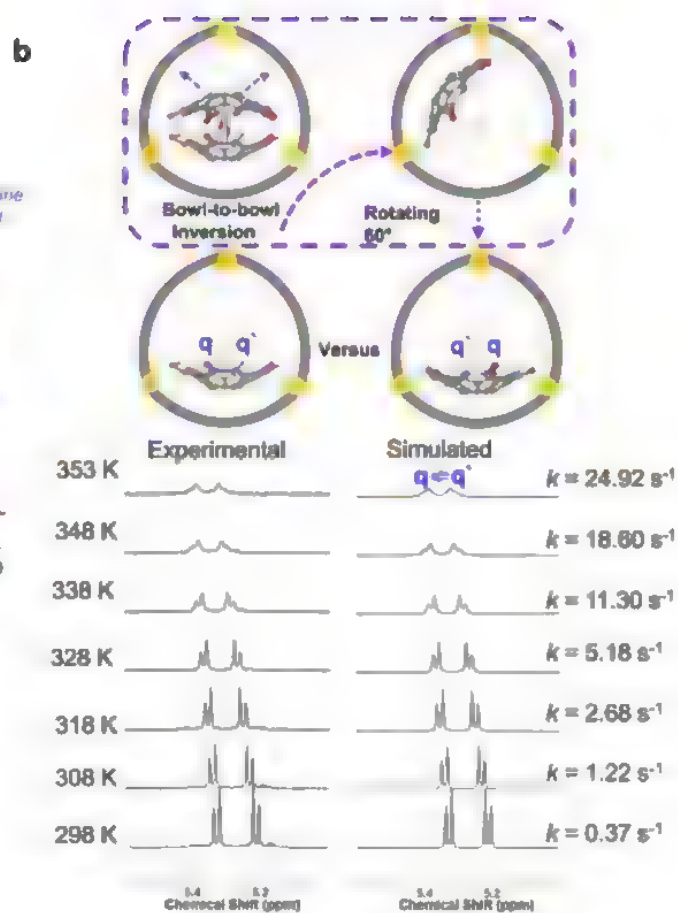
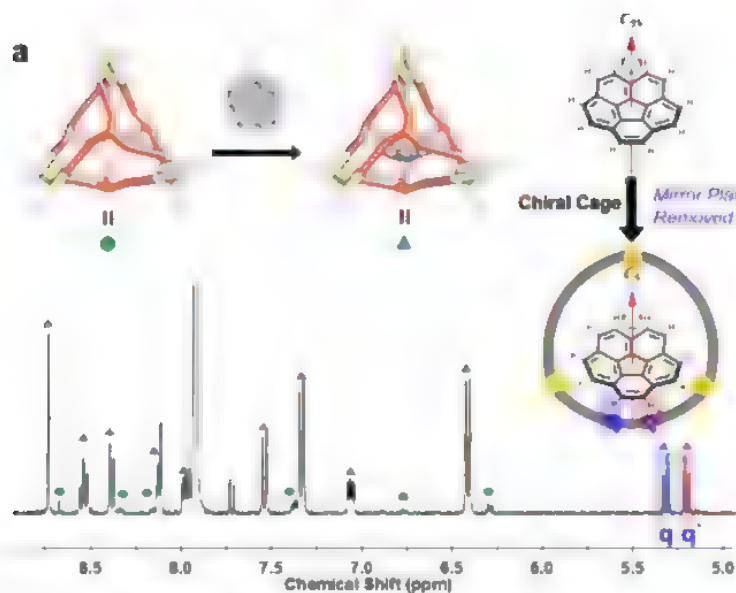


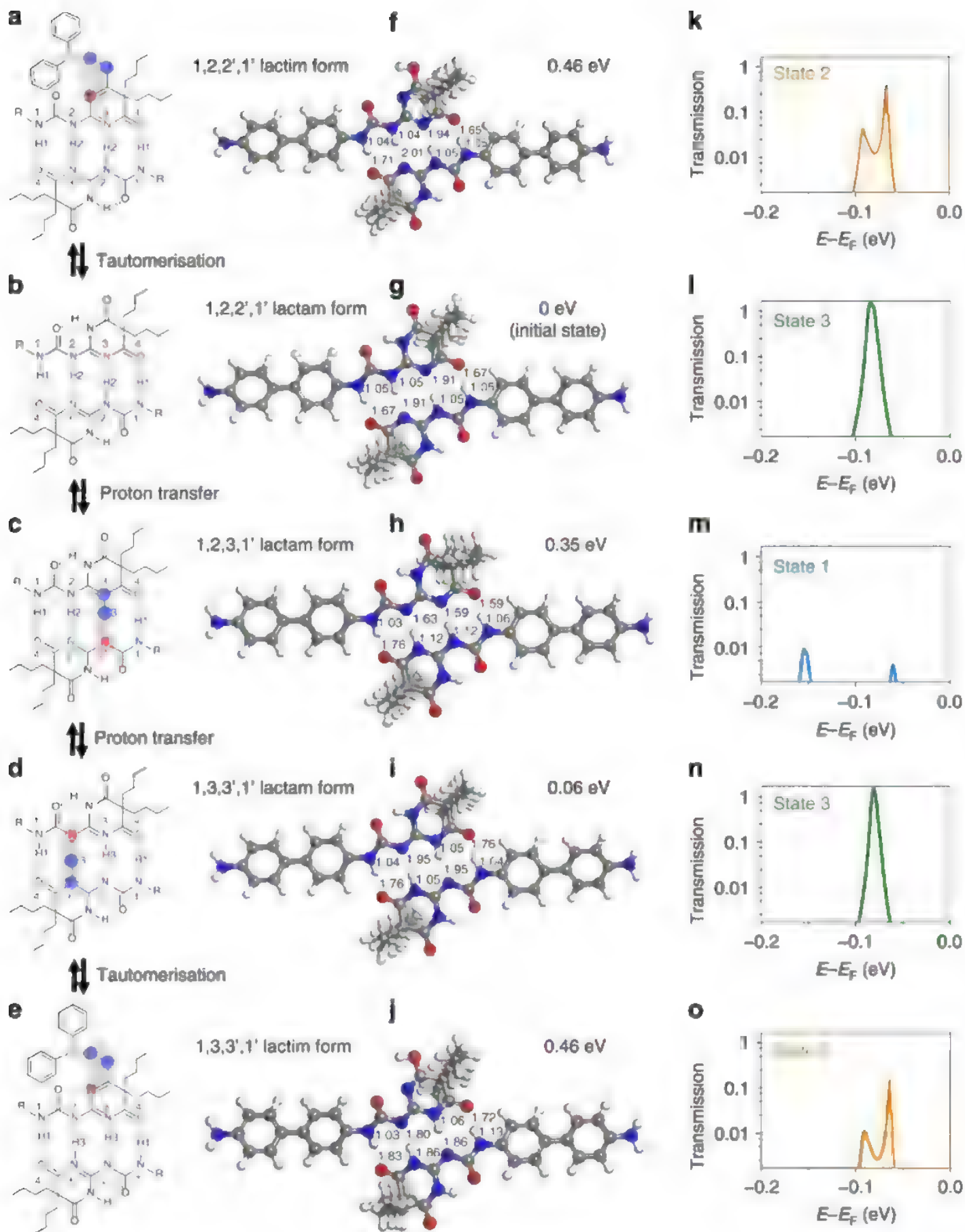
Carbazole-Phe-Phe, 2

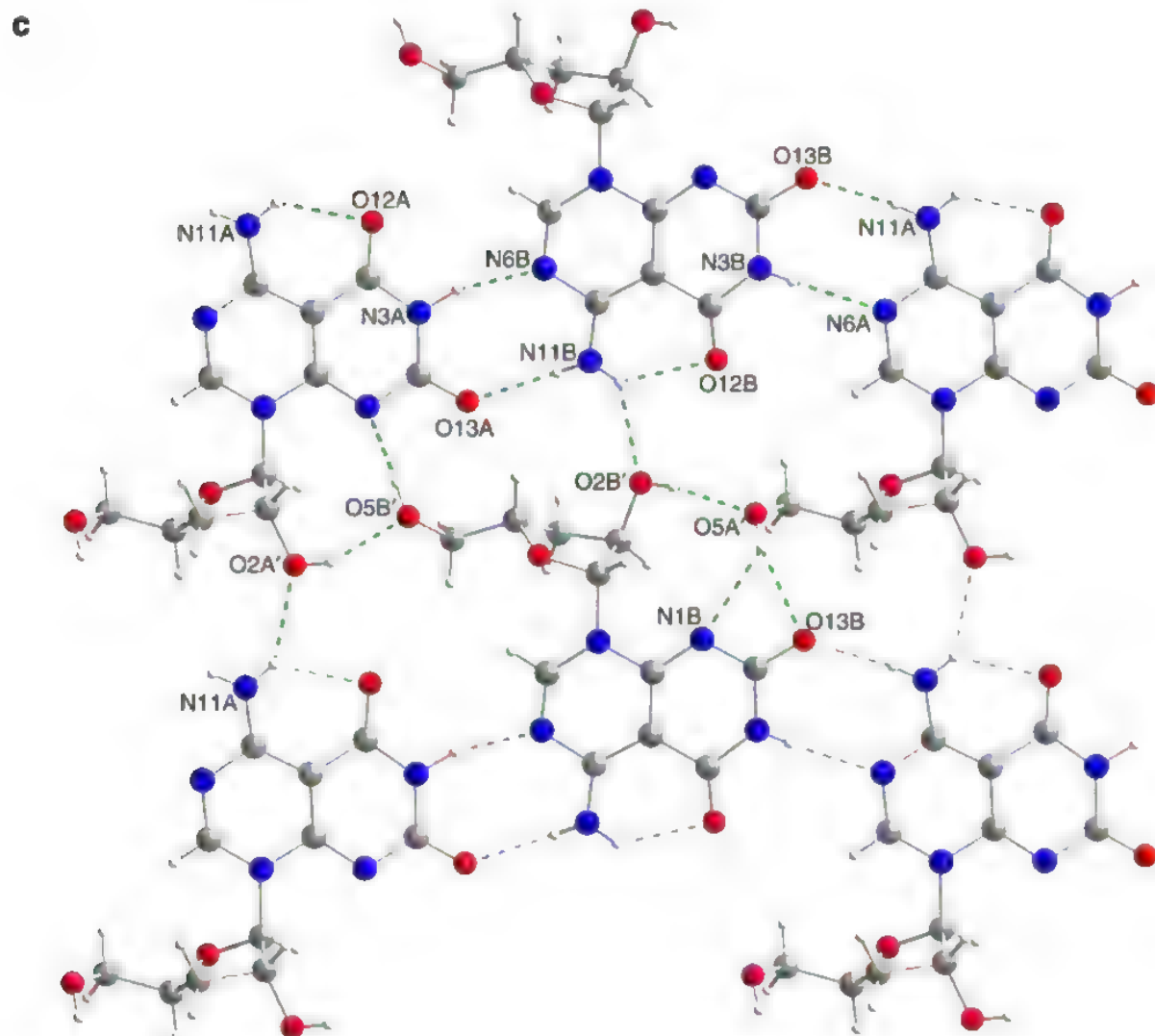
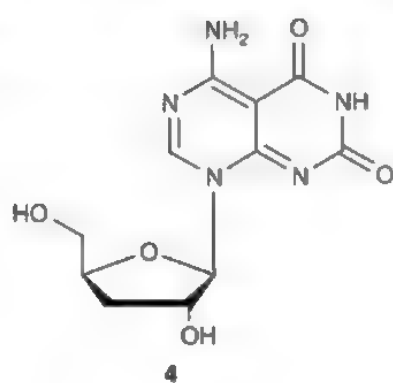
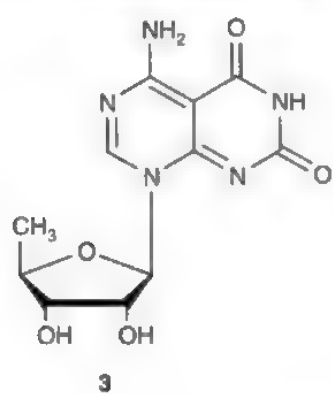
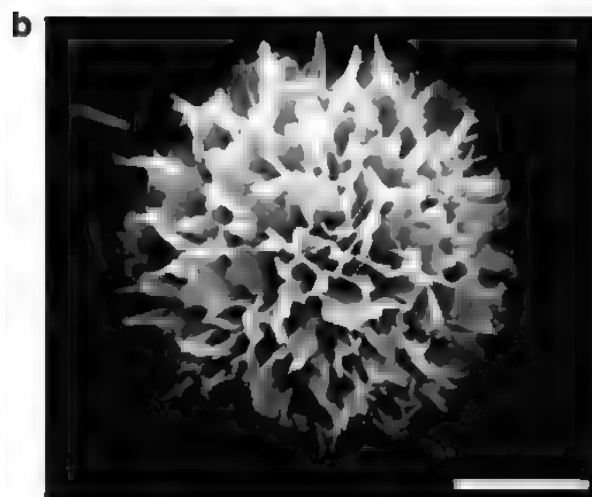
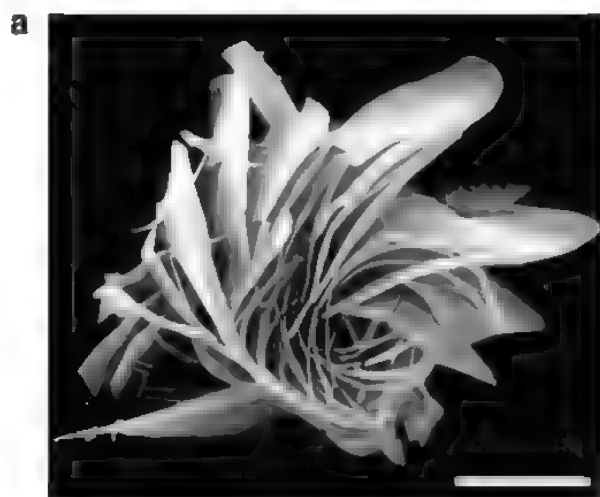


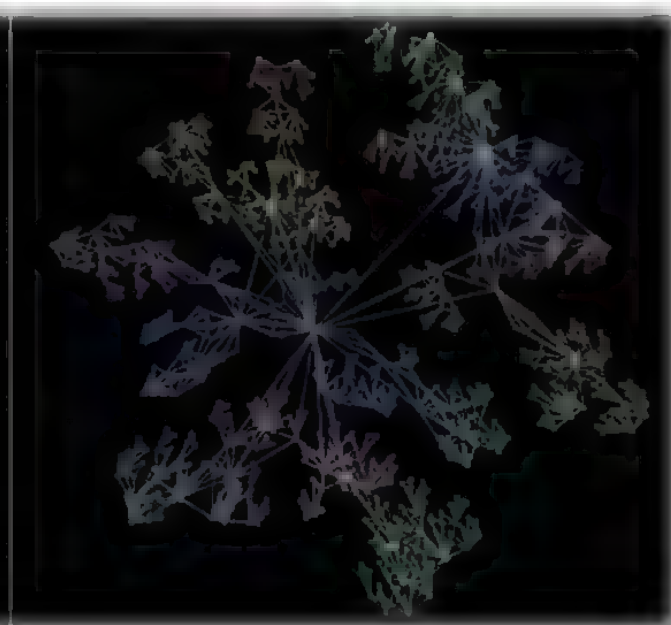
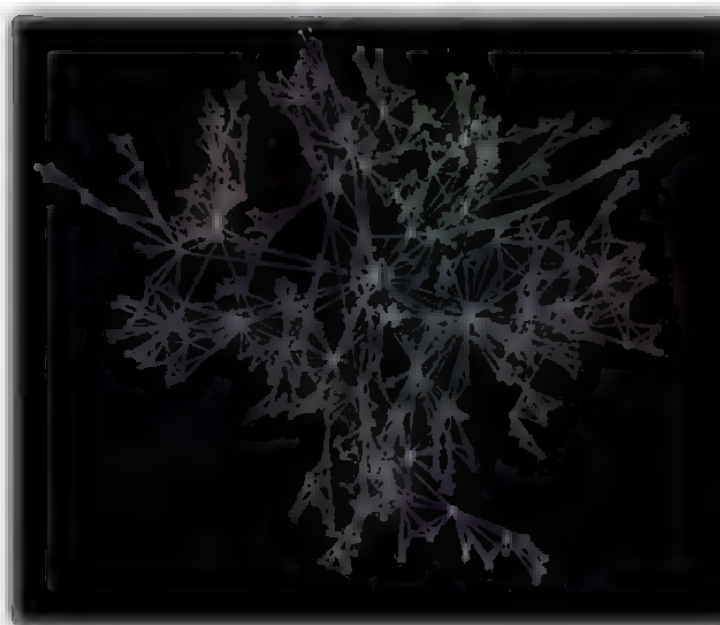
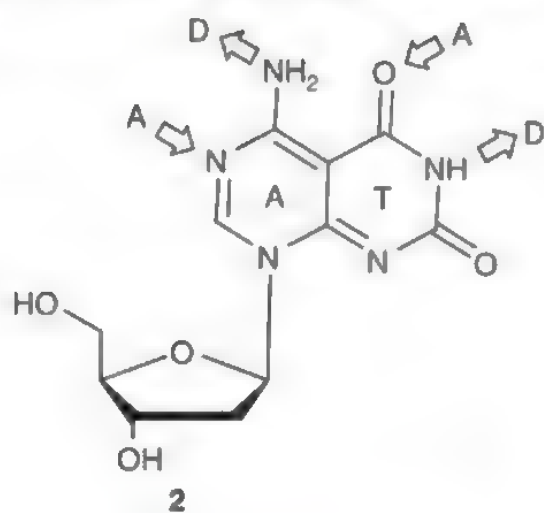
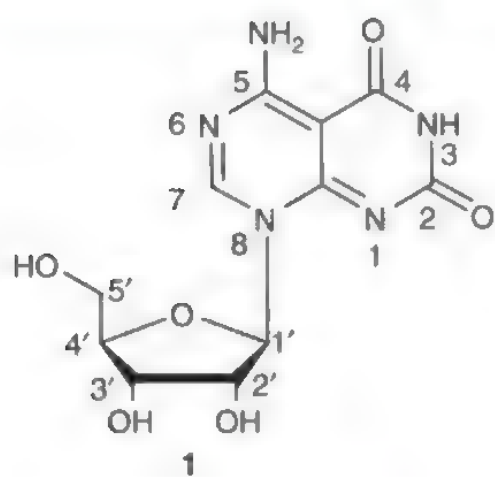
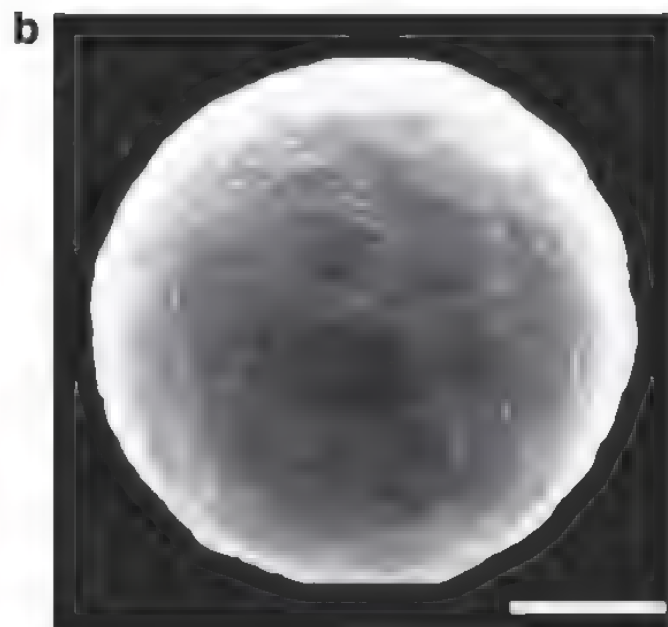


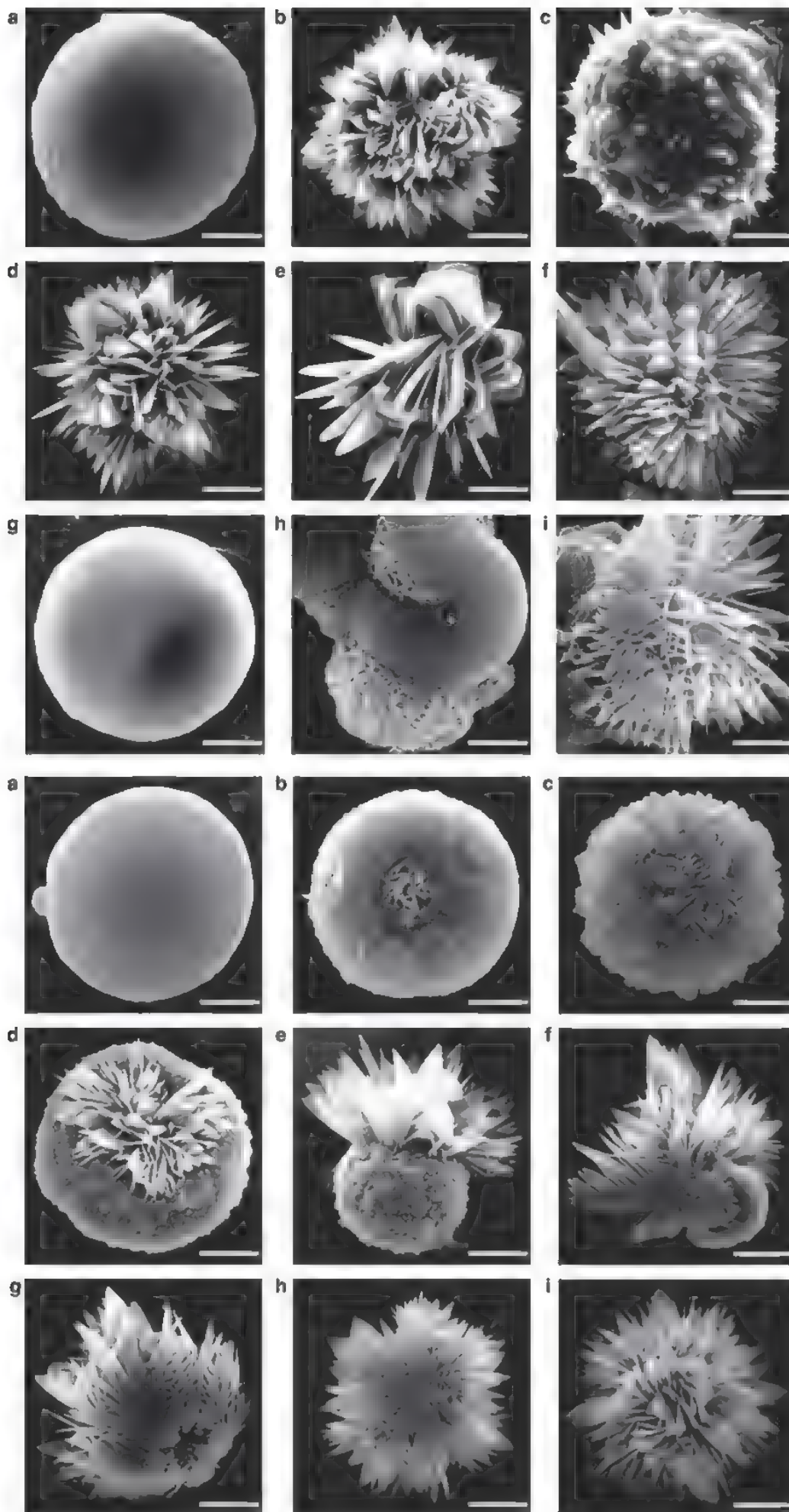


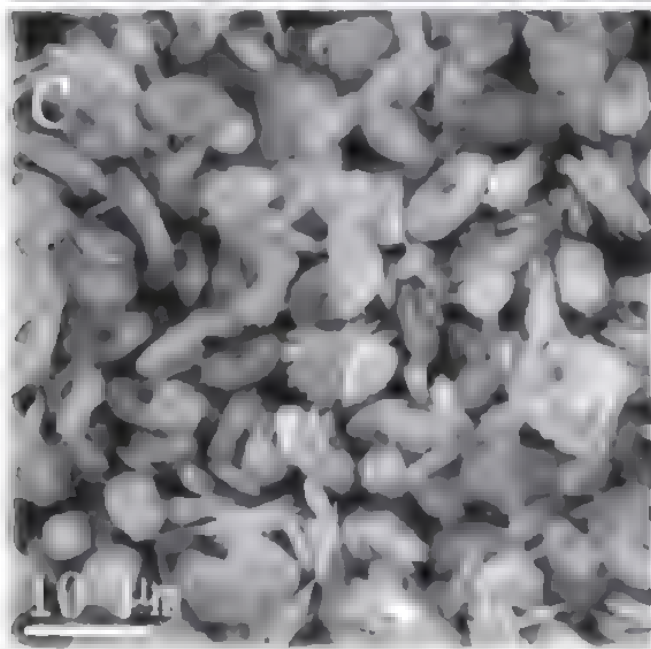
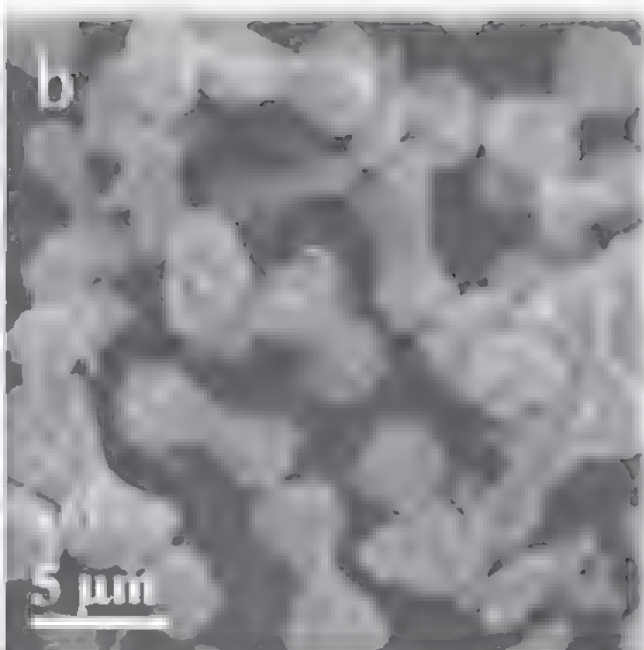
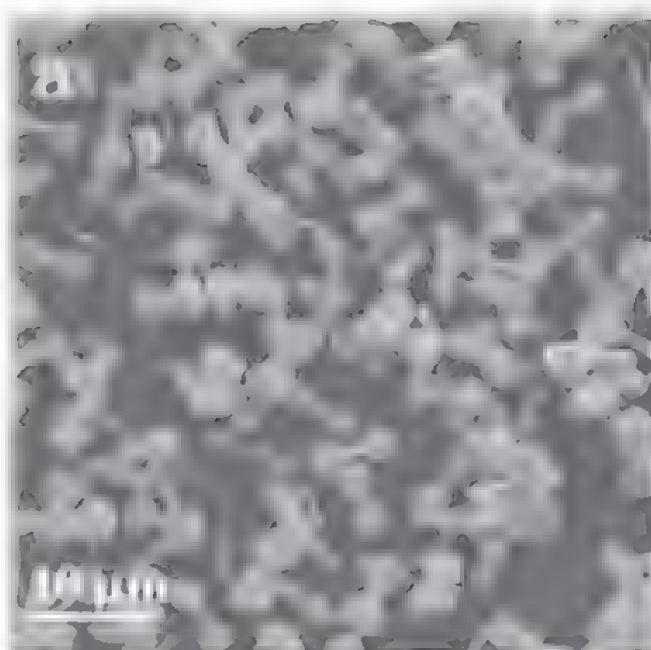


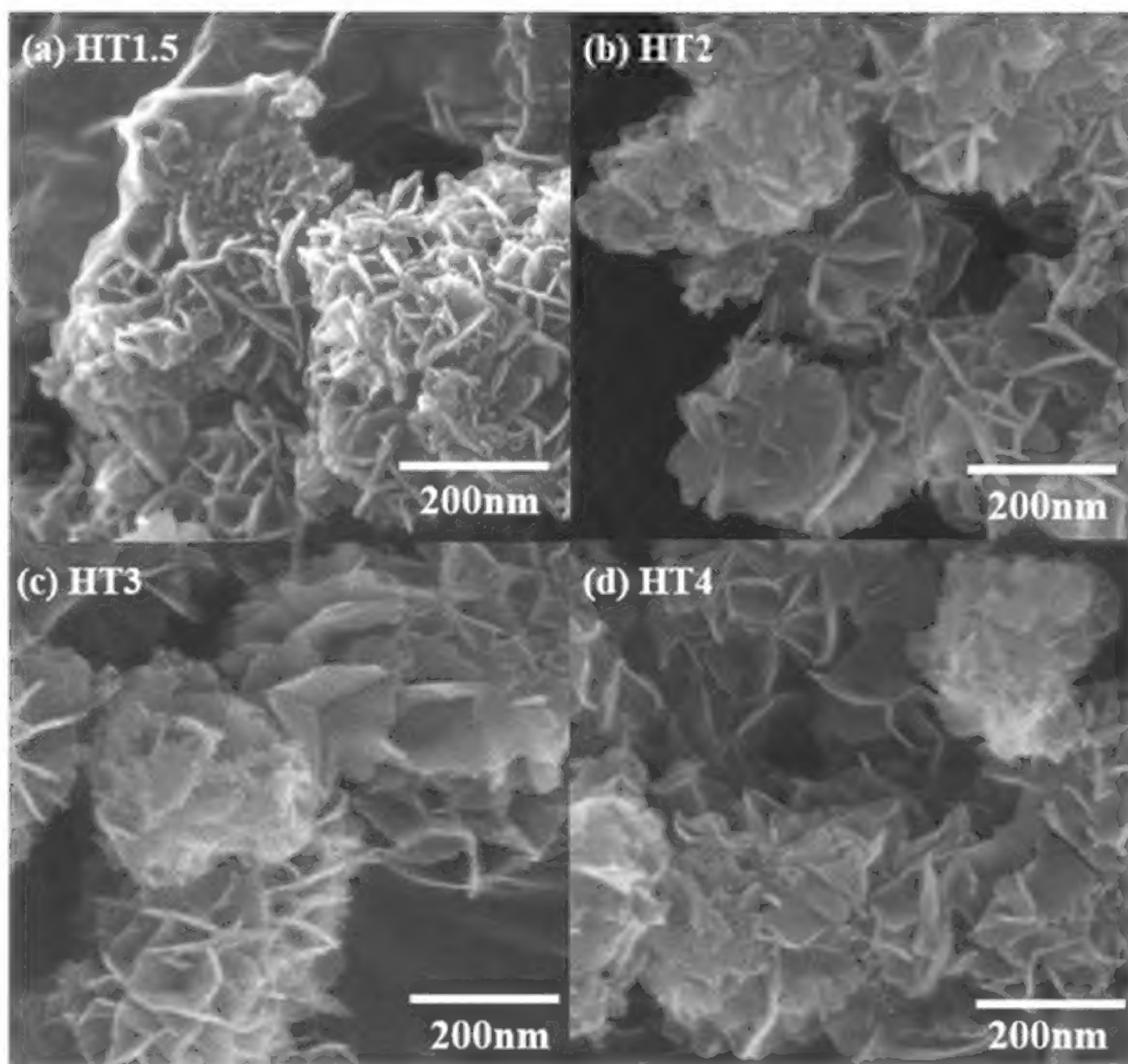


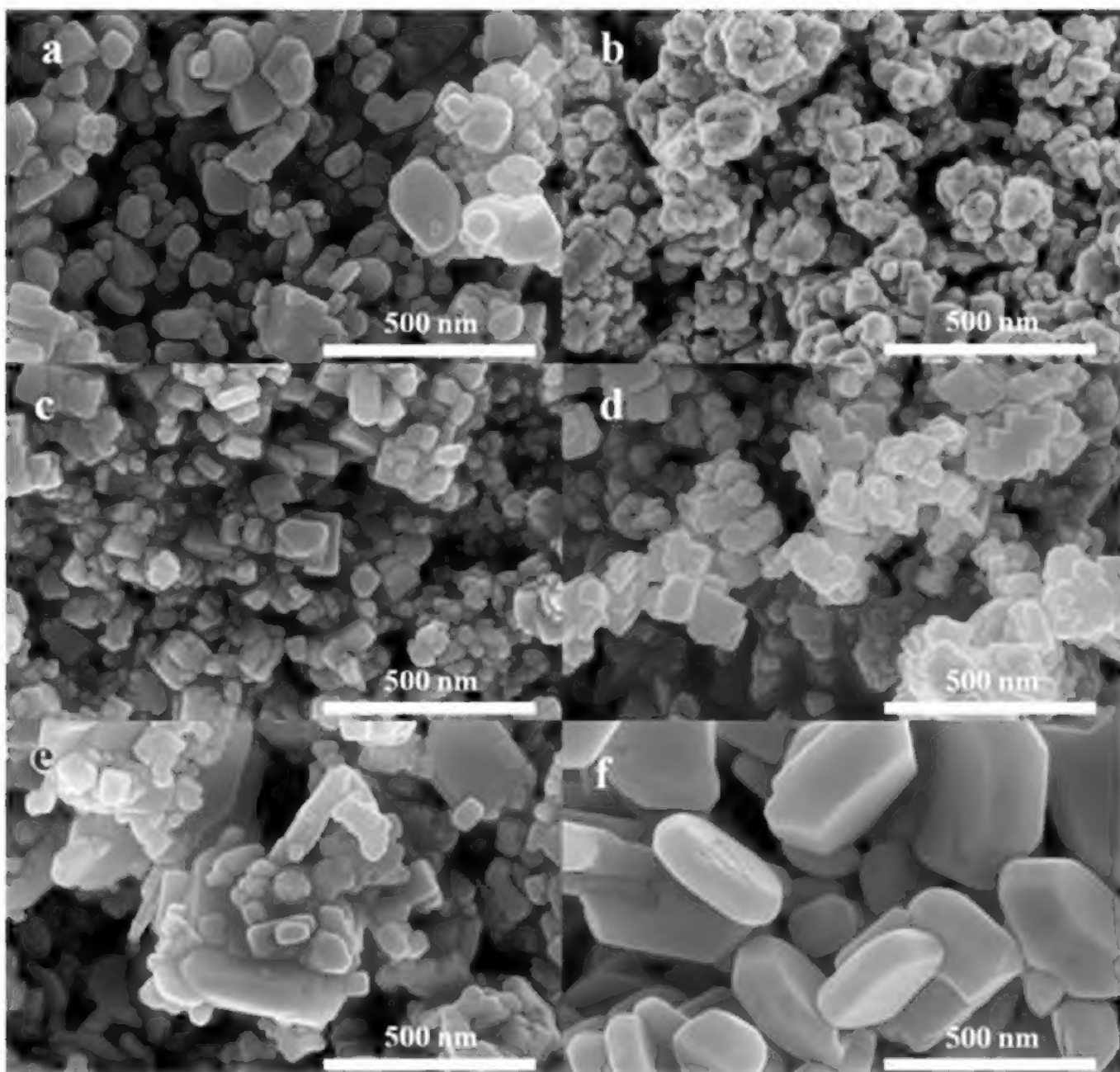


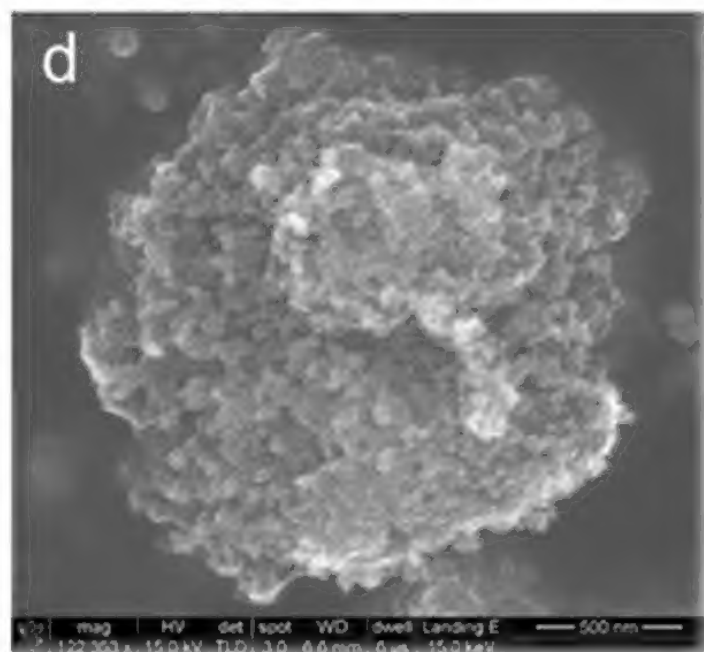
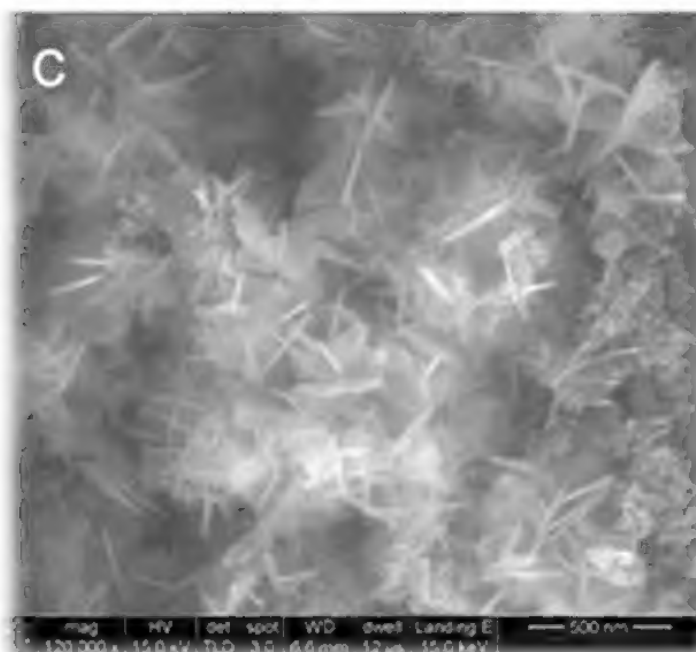
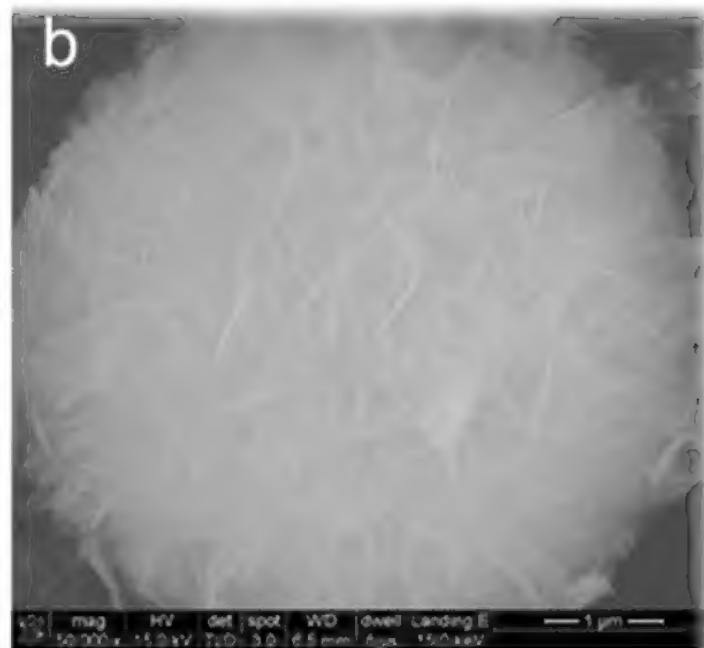
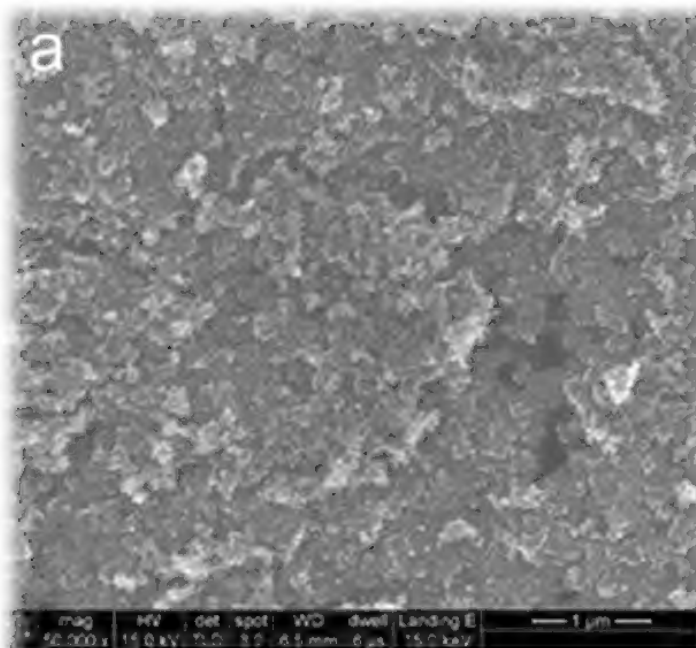


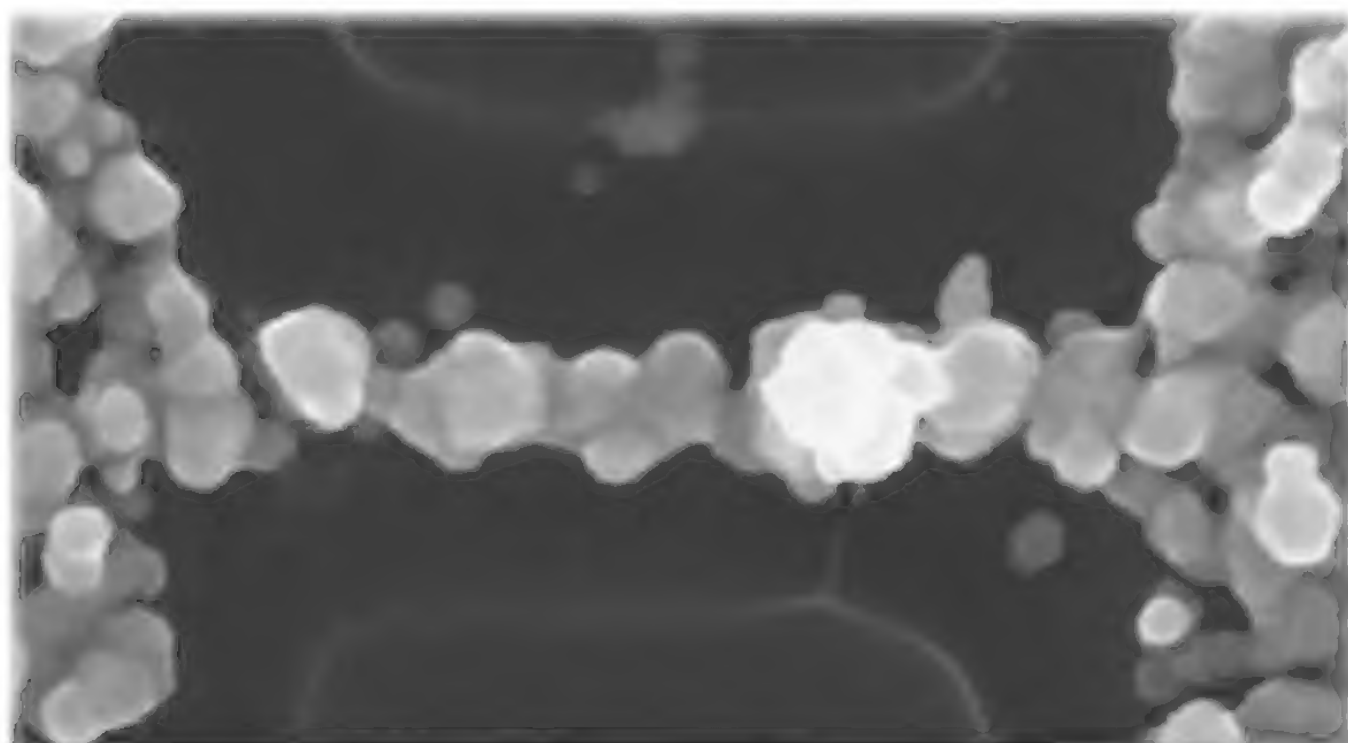
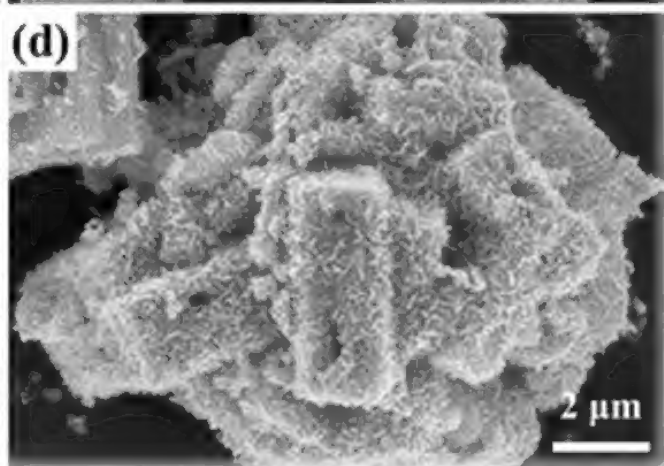
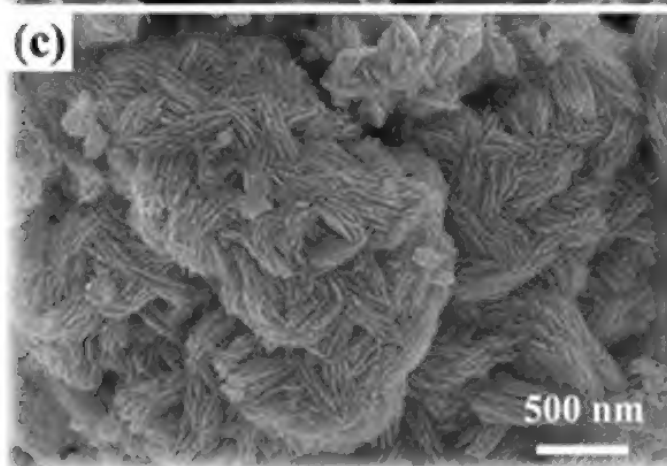
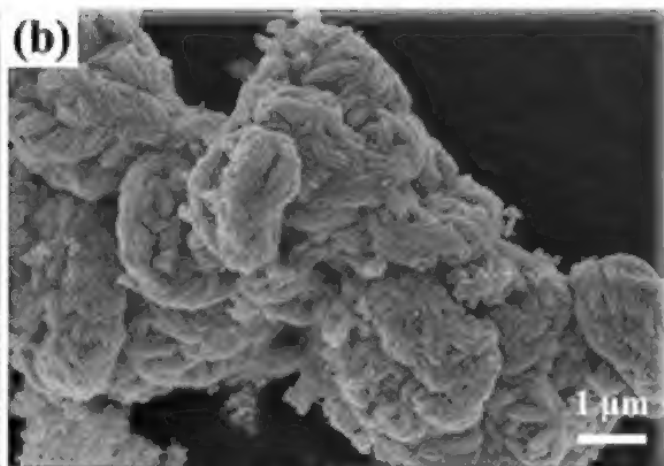
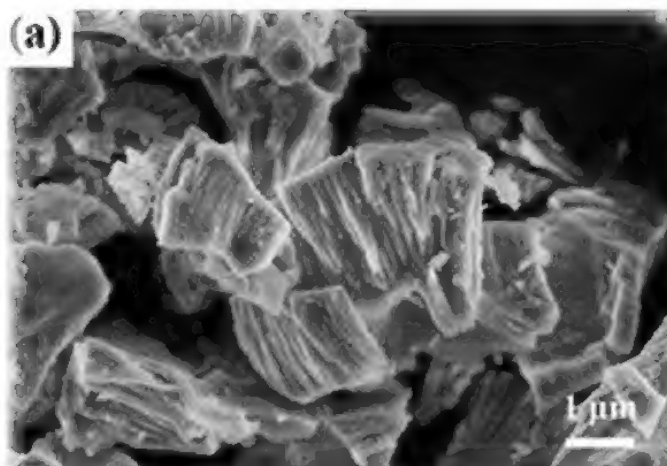












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